

Addendum 1

to FDR Group Chairman Factual Report - 10

DCA96MA070

submitted
September 9, 1998

NATIONAL TRANSPORTATION SAFETY BOARD

Office of Research and Engineering
Washington, D.C. 20594

January 31, 1997

Flight Data Recorder - 10

Addendum to Group Chairman's Factual Report

(Additional Parameters for Flt. 800 and Prior Landing)

by Dennis R. Grossi

A. ACCIDENT

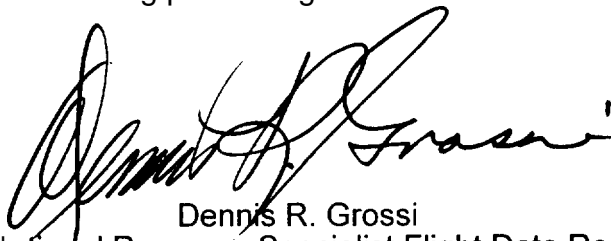
Location:	East Moriches, N.Y.
Date:	July 17, 1996
Time:	2031 local standard time
Aircraft:	Trans World Airlines (TWA) Flt. 800, B-747-131, N93119
NTSB Number:	DCA96MA070

B. SUMMARY

On July 17, 1996, about 2031 eastern daylight time, a Boeing 747-131, N93119, operated as Trans World Airlines Flight 800 (TWA800), crashed into the Atlantic Ocean, about 8 miles south of East Moriches, New York, after taking off from John F. Kennedy International Airport (JFK), Jamaica, New York. All 230 people aboard the airplane were killed. The airplane, which was operated under Title 14 Code of Federal Regulations (CFR) Part 121, was bound for Charles De Gaulle International Airport (CDG), Paris France. The flight data recorder (FDR) and cockpit voice recorder (CVR) ended simultaneously, about 13 minutes after takeoff.

The FDR, a Sundstrand Model UFDR (s/n 6707), was recovered from the Atlantic Ocean on July 24, 1996, and transported to the Safety Board's FDR Laboratory in the custody of the Federal Bureau of Investigation (FBI). The FDR arrived at the Safety Board's Laboratory at approximately 3:00 AM, on July 25, 1996. The damaged recorder was disassembled and the magnetic tape recording medium removed for playback. The initial readout of the recorded data was performed on July 25, 1996.

The DFDR Factual Report did not contain all of the data recorded during flight 800, nor any data for the prior landing. The attached tabular listings contain the parameters recorded during flight 800 and not listed in the DFDR Factual Report, and the DFDR data recorded during the landing at JFK. DFDR elapse time was used as the time base for data recorded during the landing prior to flight 800.



Dennis R. Grossi
National Resource Specialist Flight Data Recorders

TWA Flt. 800

**B747-131, Takeoff to End of Data
Tabular Data No. 2, Date Printed: January 10, 1997**

National Transportation Safety Board

TWA Flt. 800, B747-131, Takeoff to End of Data
 Tabular Data No. 2, Date Printed: January 10, 1997, National Transportation Safety Board

LOCAL TIME (ref.) CVR	ALTC (FEET)	Elevator Position Left (degrees)	Rudder Position (lower) (degrees)	Aileron Position R inbd (degrees)	Flap pos Trailing Inbd (degrees)	Flap pos Trailing OUTBD (degrees)	Leading Edge Lt. Set 1 (discrete)	Leading Edge Lt. Set 2 (discrete)	Leading Edge Lt. Set 3 (discrete)	Leading Edge Lt. Set 4 (discrete)	Leading Edge Rt. Set 1 (discrete)	Leading Edge Rt. Set 2 (discrete)	Leading Edge Rt. Set 3 (discrete)	Leading Edge Rt. Set 4 (discrete)	Reverser Eng 1 (1-T/R)	Reverser Eng 2 (1-T/R)	Reverser Eng 3 (1-T/R)	Reverser Eng 4 (1-T/R)
20:18:40	-2835	0.7	2.9	-3.4	10.8	10.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:18:41	-2835	0.8	2.8	-9.3	10.9	10.0	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
	-2835	0.6	2.9	-9.1	10.9	10.0	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:18:42	-2835	0.8	2.9	11.6	10.8	10.0	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:18:43	-2835	0.7	2.3	11.6	10.8	10.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
	-2835	0.8	1.8	10.7	10.8	10.0	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:18:44	-2835	0.7	0.9	11.0	10.8	9.9	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:18:45	-2835	0.8	-0.3	12.6	10.9	10.0	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
	-2835	0.7	-1.1	3.9	10.9	10.0												
20:18:46	-2835	0.7	-1.1	-9.7	10.8	10.0	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:18:47	-2835	0.7	-0.9	13.4	10.7	10.0	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
	-2835	0.8	-1.0	10.1	10.8	10.0												
20:18:48	-2835	0.9	-1.1	10.3	10.8	10.0	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:18:49	-2835	0.7	-1.0	10.3	10.8	10.0	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
	-2835	0.8	-1.1	11.0	10.8	10.0												
20:18:50	-2835	0.7	-1.0	-2.6	10.8	10.0	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
	-2835	0.7	-1.0	-2.6	10.9	10.0	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:18:51	-2835	0.7	-1.0	-2.4	10.7	10.0												
	-2835	0.7	-1.0	-2.4	10.8	10.0												
20:18:52	-2835	0.7	-1.0	-2.4	10.8	9.9	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:18:53	-2835	0.7	-0.9	-2.6	10.9	10.0	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
	-2835	0.7	-0.4	-2.4	10.7	9.9												
20:18:54	-2835	0.7	0.8	-2.6	10.7	10.0	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:18:55	-2835	0.6	2.5	-2.6	10.9	10.0	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
	-2835	0.8	3.1	-2.6	10.7	10.0												
20:18:56	-2700	0.8	4.2	-2.0	10.8	10.0	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:18:57	-2835	0.7	5.1	-2.6	10.8	9.9	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
	-2835	0.7	5.1	-2.4	10.8	10.0												
20:18:58	-2835	0.9	4.5	-2.4	10.8	10.0	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:18:59	-2700	3.2	3.9	-2.4	10.7	9.9	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
	-2835	3.6	3.8		10.9	9.9												
20:19:00	-2835	8.6	4.1	-2.6	10.8	10.0	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:19:01	-2835	7.5	4.1	-3.0	10.7	9.9	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
	-2835	7.4	4.0	-3.0	10.8	9.9												
20:19:02	-2835	7.5	3.8	-2.6	10.7	10.0	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:19:03	-2835	8.6	2.3	-2.6	10.9	10.0	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
	-2835	9.5	-0.9		10.8	10.0												
20:19:04	-2835	8.9	-1.3	-2.6	10.7	9.9	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
				-2.4	10.9	9.9												
20:19:05	-2835	7.9	-8.8	-2.4	10.8	9.9	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
	-2835	7.7	-10.0		10.9	10.0												
20:19:06	-2835	7.9	-3.6	-2.4	10.8	10.0	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW

TWA Flt. 800, B747-131, Takeoff to End of Data
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LOCAL TIME (ref.) CVR	ALYC (FEET)	Elevator Position Left (degrees)	Rudder Position (lower) (degrees)	Aileron Position R inbd (degrees)	Flap pos Trailing Inbd (degrees)	Flap pos Trailing OUTBD (degrees)	Leading Edge Lt. Set 1 (discrete)	Leading Edge Lt. Set 2 (discrete)	Leading Edge Lt. Set 3 (discrete)	Leading Edge Lt. Set 4 (discrete)	Leading Edge Rt. Set 1 (discrete)	Leading Edge Rt. Set 2 (discrete)	Leading Edge Rt. Set 3 (discrete)	Leading Edge Rt. Set 4 (discrete)	Reverser Eng 1 (1-T/R)	Reverser Eng 2 (1-T/R)	Reverser Eng 3 (1-T/R)	Reverser Eng 4 (1-T/R)
				-2.6	31.7 10.9	10.0 10.0 10.0	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:19:07	-2835	7.9	-4.9	-2.6	10.8	9.9	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:19:08	-2700 -2835	7.7 8.6	-7.2 -4.0	-2.2 -2.6	10.8 10.9 10.7	9.9 10.0 9.9	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:19:09	-2700	8.6	-2.0	-2.6	10.8	9.9	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:19:10	-2700 -135	7.8 8.3	-6.5 -5.9	-3.0 -6.9	10.8 10.9 10.8	9.9 10.0 9.9	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:19:11	-2835	8.1	-5.1	-9.7	10.8	9.9	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:19:12	-2835 -2835	8.5 9.5	-3.4 -0.5	-9.7 13.0	10.8 10.9 10.8	9.9 10.0 9.9	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:19:13	-2835 -2835	8.8	-1.9 -5.6	-9.7	10.8	9.9	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:19:14	-2700	8.2	-8.7	-3.7	10.8	9.9	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
		7.2		-3.7	10.8	9.9	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:19:15	-2700	7.1	-7.7 -5.3	-6.9	10.8	9.9	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:19:16	-2700 -2700	7.6 8.5	-0.7	-8.3 -8.5	10.8 10.9 10.8	9.9 10.0 10.0	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:19:17	-2700	7.5	-2.5 -2.3	-7.9	10.8	9.9	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:19:18	-2565 -2700	7.7 7.5	-1.3	-7.9 -8.1	10.8 10.9 10.7	9.9 10.0 9.8	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:19:19	-2700	7.9	-1.7	-10.1	10.8	9.8	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:19:20	-2700 -2700	7.8 7.5	-1.8 -3.8	-16.4 -13.0	10.8 10.9 10.7	9.8 10.0 9.9	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:19:21	-2700	7.0	-4.1	-12.0	10.8	9.9	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:19:22	-2700	7.2	-1.3	-12.0	10.7	9.9	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
	-2565	7.5	-1.3	70.6	10.7	10.0	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:19:23	-2700	6.7	-3.1	-14.4	10.7	9.7	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:19:24	-2700 -2700	6.1 5.8	-4.5 -0.7	-11.2 -17.0	10.7 10.8 10.7	9.8 9.8 9.9	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:19:25	-2700	5.0	-2.9	-17.0	10.8	9.8	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:19:26	-2700 -2700	5.0 4.8	-1.2 -1.2	-18.0 -18.3	10.7 10.7 10.7	9.9 9.8 9.8	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	STOW	STOW	STOW	STOW
20:19:27	-2430	4.4	-3.4	-18.3	10.7	9.7	Trans	Trans	n/a	Trans	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:19:28	-2700 -2700	4.5 4.6	-1.5 -1.3	-21.1 -9.7	10.8 10.7 10.7	9.8 9.7 9.9	Ext	Ext	Ext	Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:19:29	-2700	3.7	-2.6	11.4	10.8	9.9	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:19:30	-2700	3.2	-2.7	-9.7	10.8	9.9	Ext Ext Ext	Ext Ext Ext	Ext Ext Ext	Ext Ext Ext	Ext Ext Ext	Ext Ext Ext	Ext Ext Ext	Ext Ext Ext	STOW STOW STOW	STOW STOW STOW	STOW STOW STOW	STOW STOW STOW
	-2700	2.4	-3.1	-16.0	10.8	9.8												
20:19:31	-2700	3.1	-1.2	11.6	10.7	9.7	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:19:32	-2700 -2835	2.6 2.4	-1.2 -2.6	-22.1 -10.3	10.7 10.8 10.7	9.8 9.8 9.7	Ext Ext Ext	Ext Ext Ext	Ext Ext Ext	Ext Ext Ext	Ext Ext Ext	Ext Ext Ext	Ext Ext Ext	Ext Ext Ext	STOW STOW STOW	STOW STOW STOW	STOW STOW STOW	STOW STOW STOW

TWA Flt. 800, B747-131, Takeoff to End of Data
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LOCAL TIME (ref.) CVR	ALTC (FEET)	Elevator Position Left (degrees)	Kudder Position (lower) (degrees)	Aileron Position R. Inbd (degrees)	Flap pos Trailing Inbd (degrees)	Flap pos Trailing OUTBD (degrees)	Leading Edge Lt. Set 1 (discrete)	Leading Edge Lt. Set 2 (discrete)	Leading Edge Lt. Set 3 (discrete)	Leading Edge Lt. Set 4 (discrete)	Leading Edge Rt. Set 1 (discrete)	Leading Edge Rt. Set 2 (discrete)	Leading Edge Rt. Set 3 (discrete)	Leading Edge Rt. Set 4 (discrete)	Reverser Eng 1 (1-T/R)	Reverser Eng 2 (1-T/R)	Reverser Eng 3 (1-T/R)	Reverser Eng 4 (1-T/R)
20:19:33	-2700	2.3	-3.0	-23.1	10.8	9.7									STOW	STOW	STOW	STOW
20:19:34	-2700 -2835	1.9 -0.2	-2.7 -1.5	-23.5 -8.7	10.7 10.8	9.8 9.8	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:19:35	-2835	-2.1	-1.5	-21.5	10.7 10.7	9.7 9.7	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:19:36	-2835 -2835	-3.3 -4.0	-3.1 -2.9	-10.3 -16.0	10.7 10.8	9.7 9.8	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:19:37	-2970	-4.0	-2.7	-14.8	10.7 10.7	9.8 9.8	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:19:38	-3105 -3105	-4.3 -4.9	-2.5 -2.4	-10.3 -4.7	10.8 10.7	9.8 9.7	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:19:39	-3240	-5.3	-2.5	27.6	10.7 10.8	9.8 9.8	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:19:40	-3375 -3375	-7.1 -6.9	-2.3 -2.0	0.0 2.2	10.7 10.7	9.7 9.7	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:19:41	-3510	-7.1	-2.5	-20.1	10.8 10.7	9.7 9.7	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:19:42	-3510 -3240	-7.1 -7.4	-2.1 -1.7	3.0	10.7 10.8	9.8 9.7	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:19:43	-3105	-7.4	-2.1	27.2	10.7 10.7	9.8 9.8	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:19:44	-2700 -2295	-6.9 -6.7	-2.6 -2.5	0.0 -5.7	10.8 10.7	9.8 9.8	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:19:45	-1890	-5.7	-2.2	-6.1 -3.0	10.7 10.8	9.8 9.8	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:19:46	-1485 -810	-4.1 -4.1	-2.2 -2.3	-14.8	10.7 10.8	9.7 9.8	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:19:47	0	-3.8	-1.7	-15.0 -2.6	10.7 10.7	9.8 9.8	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	STOW	STOW	STOW	STOW
20:19:48	675 1350	-2.5 -1.4	-1.7 -1.7	0.0	10.7 10.8	9.7 9.8	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:19:49	2160	-0.9	-1.9	-1.0 3.0	10.7 10.8	9.8 9.8	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:19:50	2835 3510	-1.7 -1.9	-2.1 -2.2	4.9	10.7 10.7	9.7 9.8	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:19:51	4320	-1.7	-2.4	5.9 3.7	10.7 10.7	9.7 9.8	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:19:52	4995 5670	-1.1 -2.1	-2.3 -2.1	3.9	10.7 10.6	9.7 9.8	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:19:53	6210	-1.7 -1.0	-1.8	3.9 3.2	10.7 10.8	9.8 9.8	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:19:54	7020 7425	-1.2 -1.9	-1.9 -1.6	0.0	10.7 10.6	9.7 9.7	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:19:55	7965	-0.9 36.9	-1.6	1.0 2.6	10.7 10.7	9.8 9.8	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:19:56	8376 8910	-1.7 -1.2	-1.3 -1.2	1.6	10.7 10.7	9.8 9.8	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:19:57	9180	-2.1 -2.0	-1.2	-2.4 27.2	10.7 10.7	9.8 9.8	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:19:58	9585	-1.8	-1.3 -1.5	4.3	10.6 10.7	9.8 9.8	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW

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 Tabular Data No. 2, Date Printed: January 10, 1997, National Transportation Safety Board

LOCAL TIME (ref.) CVR	ALTC (FEET)	Elevator Position Left (degrees)	Rudder Position (lower) (degrees)	Aileron Position R Inbd (degrees)	Flap pos Trailing Inbd (degrees)	Flap pos Trailing OUTBD (degrees)	Leading Edge Lt. Set 1 (discrete)	Leading Edge Lt. Set 2 (discrete)	Leading Edge Lt. Set 3 (discrete)	Leading Edge Lt. Set 4 (discrete)	Leading Edge Rt. Set 1 (discrete)	Leading Edge Rt. Set 2 (discrete)	Leading Edge Rt. Set 3 (discrete)	Leading Edge Rt. Set 4 (discrete)	Reverser Eng 1 (1-T/R)	Reverser Eng 2 (1-T/R)	Reverser Eng 3 (1-T/R)	Reverser Eng 4 (1-T/R)
20:19:59	19710 10260	-1.0 -1.7	-1.4	-0.4 -1.0	10.7 10.7 10.6 10.7 9.8	9.8 9.8 9.7 9.8 9.8	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:20:00	10530	-2.1	-1.3	-0.4	10.7 10.7 10.6	9.7 9.8 9.8	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:20:01	11880 11070	-2.5 -2.2	-1.3	0.0	10.6 10.6	9.8 9.8	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:20:02	11340	-2.1	-1.6	1.2	10.6 10.7 10.6 10.7 9.8	9.8 9.8 9.8 9.8 9.8	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:20:03	11610 11745	-2.4 -2.1	-1.7 -1.7	-0.4 -3.0	10.7 10.7 10.6 10.6 9.8	9.8 9.8 9.8 9.8 9.8	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:20:04	12015	-2.1	-1.5	-8.3	10.6 10.7 10.6 10.7 9.8	9.8 9.8 9.8 9.8 9.8	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:20:05	12285 11745	-2.2 -2.1	-1.5 -1.3	-6.3 -3.7	10.7 10.7 10.6 10.6 9.8	9.8 9.8 9.8 9.8 9.8	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:20:06	12555	-2.1	-1.5	-8.3	10.6 10.6 10.7 10.7 9.8	9.8 9.8 9.8 9.8 9.8	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:20:07	12825 12960	-2.0 -1.9	-1.9 -1.5	-9.3 -8.3	10.6 10.6 10.6 10.5 9.8	9.7 9.8 9.8 9.8 9.8	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:20:08	13095	-1.8	-1.1	-10.7	10.6 10.6 10.5 10.5 9.8	9.8 9.8 9.8 9.8 9.8	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:20:09	13365 13365	-1.6 -1.7	-0.8 -0.5	0.0 -2.4	10.6 10.7 10.6 10.6 9.8	9.7 9.8 9.8 9.8 9.8	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:20:10	12825	-1.7	-0.8	-4.7	10.6 10.6 10.5 10.6 9.8	9.8 9.8 9.8 9.8 9.8	Ext	Ext	Ext	Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	STOW STOW STOW	STOW STOW STOW	STOW STOW STOW	STOW STOW STOW
20:20:11	13635 13770	-1.3 -1.7	-1.2 -1.3	-4.7 -6.3	10.6 10.6 10.5 10.5 9.8	9.8 9.8 9.8 9.8 9.8	Ext	Ext	Ext	Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	STOW STOW STOW	STOW STOW STOW	STOW STOW STOW	STOW STOW STOW
20:20:12	13905	-1.7	-1.3	-15.0	10.6 10.7 10.5 10.6 9.8	9.8 9.8 9.8 9.8 9.8	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	STOW STOW STOW	STOW STOW STOW	STOW STOW STOW	STOW STOW STOW
20:20:13	13905 14040	-1.5 -1.3	-1.3 -1.1	-14.8 -5.7	10.7 10.5 10.7 10.6 9.8	9.8 9.8 9.8 9.8 9.8	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	STOW STOW STOW	STOW STOW STOW	STOW STOW STOW	STOW STOW STOW
20:20:14	14175	-1.2	-1.2	-14.6	10.6 10.6 10.7 10.6 9.8	9.8 9.8 9.8 9.8 9.8	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	STOW STOW STOW	STOW STOW STOW	STOW STOW STOW	STOW STOW STOW
20:20:15	13500 14310	-1.1 -0.8	-1.2 -1.1	-14.8 -14.4	10.6 10.7 10.6 10.6 9.8	9.8 9.8 9.8 9.8 9.8	Ext	Ext	Ext	Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	STOW STOW STOW	STOW STOW STOW	STOW STOW STOW	STOW STOW STOW
20:20:16	14445	-1.3	-1.1	6.5	10.6 10.6 10.6 10.6 9.8	9.8 9.8 9.8 9.8 9.8	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	STOW STOW STOW	STOW STOW STOW	STOW STOW STOW	STOW STOW STOW
20:20:17	14445 14580	-1.3 -1.0	-1.2 -1.2	-3.0 -5.3	10.6 10.6 10.7 10.6 9.8	9.8 9.8 9.8 9.8 9.8	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	STOW STOW STOW	STOW STOW STOW	STOW STOW STOW	STOW STOW STOW
20:20:18	14715	-0.8	-1.3	-9.3	10.6 10.5 10.6 10.6 9.8	9.8 9.8 9.8 9.8 9.8	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	STOW STOW STOW	STOW STOW STOW	STOW STOW STOW	STOW STOW STOW
20:20:19	14850 14175	-0.4 0.0	-1.3 -0.9	-6.3 -2.0	10.6 10.6 10.6 10.6 9.8	9.8 9.8 9.8 9.8 9.8	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	STOW STOW STOW	STOW STOW STOW	STOW STOW STOW	STOW STOW STOW
20:20:20	14985	0.4	-0.9	0.6	10.6 10.7 10.6 10.7 9.8	9.8 9.8 9.7 9.8 9.8	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	STOW STOW STOW	STOW STOW STOW	STOW STOW STOW	STOW STOW STOW
20:20:21	15120 15120	0.3 0.4	-1.1 -1.3	0.0 0.0	10.6 10.7 10.6 10.7 9.8	9.8 9.7 9.8 9.8 9.8	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	STOW STOW STOW	STOW STOW STOW	STOW STOW STOW	STOW STOW STOW
20:20:22	15255	0.5	-1.3	5.3	10.6 10.7 10.6 10.7 9.8	9.8 9.7 9.8 9.8 9.8	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	STOW STOW STOW	STOW STOW STOW	STOW STOW STOW	STOW STOW STOW
20:20:23	15255 15525	0.6 0.5	-1.3 -1.3	-2.0 -3.7	10.6 10.6 10.6 10.7 9.8	9.8 9.8 9.6 9.8 9.8	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:20:24	14715	0.6	-0.9	-1.4	10.6 10.7 10.6 10.7 9.8	9.8 9.8 9.8 9.8 9.8	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	STOW STOW STOW	STOW STOW STOW	STOW STOW STOW	STOW STOW STOW
20:20:25	16065 15525	0.7 0.6	-0.3 -0.4	2.6	10.6 10.7 10.6 10.7 9.8	9.8 9.7 9.8 9.8 9.8	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	Ext Ext	STOW STOW	STOW STOW	STOW STOW	STOW STOW

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LOCAL TIME (ref.) CVR	ALTC (FEET)	Elevator Position Left (degrees)	Rudder Position (lower) (degrees)	Aileron Position R inbd (degrees)	Flap pos Trailing Inbd (degrees)	Flap pos Trailing OUTBD (degrees)	Leading Edge Lt. Set 1 (discrete)	Leading Edge Lt. Set 2 (discrete)	Leading Edge Lt. Set 3 (discrete)	Leading Edge Lt. Set 4 (discrete)	Leading Edge Rt. Set 1 (discrete)	Leading Edge Rt. Set 2 (discrete)	Leading Edge Rt. Set 3 (discrete)	Leading Edge Rt. Set 4 (discrete)	Reverser Eng 1 (1-T/R)	Reverser Eng 2 (1-T/R)	Reverser Eng 3 (1-T/R)	Reverser Eng 4 (1-T/R)
20:20:26	15525	0.5	-0.5	2.6	10.6	9.8	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:20:27	15525 15930	0.6 0.4	-0.6 -0.6	3.9	10.6 10.5 10.6 10.7	9.8 9.7 9.8 9.7	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:20:28	15660	-0.2	-0.7	-2.0	10.6	9.6	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:20:29	15660 15660	-0.4 -0.1	-0.7 -0.7	-2.2	10.6 10.5 10.6	9.8 9.6 9.8	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:20:30	15660	-0.2	-0.5	-6.3	10.6	9.7	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:20:31	15660 15795	-0.2 0.2	-0.4 -0.4	-2.4	10.6 10.7 10.6	9.8 9.8 9.8	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:20:32	15795	0.5	-0.4	-2.0	10.6 8.3 10.7	9.6 9.7 9.6	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:20:33	15795	0.0	-0.4	-1.6	10.6	9.7	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:20:34	15795 15795	-0.2 -0.2	-0.7 -0.8	-2.6	10.6 10.7 10.6	9.8 9.8 9.7	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:20:35	15795	-0.2	-0.9	-2.6	10.6 10.7 10.6	9.7 9.8 9.8	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:20:36	15795 15930	-0.1 -0.7	-0.9	-2.6	10.6 10.7 10.6	9.8 9.6 9.7	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:20:37	15930 15930	0.2	-0.9	-2.0	10.6 10.6 10.7	9.6 9.7 9.7	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:20:38	15930	0.4	-0.9	-4.7	10.6	9.8	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:20:39	16065 16065	0.7	-0.7 -0.6	-2.0	10.6 10.7 10.6	9.8 9.8 9.8	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:20:40	16200	0.6 1.0	-0.7	-1.0	10.6 10.7 10.6	9.8 9.7 9.8	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:20:41	16200	0.7	-0.7 -0.9	-1.6	10.6 10.7 10.6	9.8 9.6 9.8	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:20:42	16335 16335	0.7 0.7	-1.0	2.2	10.6 10.7 10.6	9.6 9.8 9.6	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:20:43	16335	0.7	-1.0	-2.0	10.6 10.7 10.6	9.7 9.8 9.8	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:20:44	16470 16470	0.7 0.7	-0.8 -0.5	-1.0	10.6 10.7 10.6	9.8 9.6 9.8	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:20:45	16605	0.6	-0.6	-3.0	10.6 10.7 10.6	9.7 9.7 9.7	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:20:46	16605 16605	0.7 0.5	-0.9 -0.5	-3.0	10.6 10.7 10.5	9.7 9.8 9.7	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:20:47	16605	0.2	-0.7	-2.0	10.6 10.7 10.6	9.7 9.7 9.7	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:20:48	16605 16740	-0.1 -0.5	-0.8 -1.0	6.5	10.6 10.7 10.6	9.8 9.8 9.7	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:20:49	16740	-0.4	-1.3	8.9	10.7 10.6 10.6	9.8 9.7 9.8	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:20:50	16740 16740	-0.4 -0.3	-1.5 -1.7	12.0	10.6 10.7 10.6	9.7 9.7 9.8	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:20:51	16740	-0.2	-1.5	8.1	10.7 10.6	9.7 9.8	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW

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LOCAL TIME (ref.) CVR	ALTC (FEET)	Elevator Position Left (degrees)	Rudder Position (lower) (degrees)	Aileron Position R inbd (degrees)	Flap pos Trailing Inbd (degrees)	Flap pos Trailing OUTBD (degrees)	Leading Edge Lt. Set 1 (discrete)	Leading Edge Lt. Set 2 (discrete)	Leading Edge Lt. Set 3 (discrete)	Leading Edge Lt. Set 4 (discrete)	Leading Edge Rt. Set 1 (discrete)	Leading Edge Rt. Set 2 (discrete)	Leading Edge Rt. Set 3 (discrete)	Leading Edge Rt. Set 4 (discrete)	Reverser Eng 1 (1-T/R)	Reverser Eng 2 (1-T/R)	Reverser Eng 3 (1-T/R)	Reverser Eng 4 (1-T/R)
20:20:52	16740	-0.4	-1.7	4.9	10.7	9.8	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
	16740	-0.4	-1.4	14.2	10.6	9.7	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:20:53	16875	-0.4	-1.3	5.5	10.7	9.8	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:20:54	16875	-0.3	-1.2	15.6	10.6	9.8	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
	16875	-0.3	-1.2	15.0	10.7	9.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:20:55	16875	-0.2	-1.2	7.5	10.1	8.2	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:20:56	16875	-0.1	-1.2	5.9	8.8	7.2	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
	16875	-0.4	-1.1	5.9	9.1	6.4	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
					7.9	5.7												
20:20:57	16875	-0.4	-1.0	4.3	6.0	5.3	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:20:58	16065	-0.4	-1.0	4.9	5.4	5.3	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
	16875	0.0	-1.0	5.3	5.5	5.2	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
					5.2	5.3												
20:20:59	16875	-0.4	-1.0	16.2	5.4	5.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:21:00	16875	-0.4	-0.9	4.3	5.3	5.2	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
	16875	-0.7	-0.6	13.0	5.2	5.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
					5.3	5.2												
20:21:01	16875	-1.3	-0.5	4.3	5.1	5.0	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:21:02	16875	-1.0	-0.5	6.9	5.1	5.0	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
	16065	-1.2	-0.6	6.9	5.3	5.2	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
					5.1	5.0												
20:21:03	16875	-1.0	-0.7	17.4	5.1	5.0	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:21:04	16740	-0.9	-0.7	4.9	5.2	5.0	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
	16740	-1.1	-0.7	4.9	5.1	5.0	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
					5.1	5.0												
20:21:05	16875	-0.7	-0.7	4.9	5.2	5.0	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:21:06	16740	-0.7	-0.7	4.9	5.1	5.0	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
	16740	-0.7	-0.7	4.5	5.2	5.0	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
					5.1	5.0												
20:21:07	16065	-0.9	-0.8	4.3	5.2	5.0	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:21:08	16740	-0.8	-0.9	12.6	5.1	5.0	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
	16740	-0.7	-0.9		5.2	5.0	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
					5.1	5.0												
20:21:09	16740	-0.7	-0.9	-1.6	5.2	5.0	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:21:10	16740	-0.5	-0.9	4.3	5.1	5.0	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
	16740	-0.6	-0.9		5.2	5.0	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
					5.1	5.0												
20:21:11	16740	-0.6	-0.8	4.3	5.2	5.0	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:21:12	15930	-0.5	-0.8	1.2	5.1	5.0	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
	17415	-0.5	-0.7		5.2	5.0	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
					5.1	5.0												
20:21:13	16740	-0.4	-0.5	0.6	5.2	5.0	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
				1.0	5.1	4.9	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
						5.1												
20:21:14	16740	-0.7	-0.4	-0.4	4.7	4.8	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
	17820	-0.7	-0.4		4.9	4.9												
					4.4													
20:21:15	16740	-0.7	-0.5	-0.4	4.5	4.5	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
				-2.0	3.9	4.7	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
					4.0	4.2												
20:21:16	16605	-0.4	-0.7	-3.0	3.4	4.0	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
	15930	-0.5	-0.5		3.5	4.1												
20:21:17	16605	-0.4	0.0	-6.7	2.9	3.7	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
				-8.3	3.0	3.8	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW

TWA Flt. 800, B747-131, Takeoff to End of Data
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LOCAL TIME (ref.) CVR	ALTC (FEET)	Elevator Position Left (degrees)	Rudder Position (lower) (degrees)	Aileron Position R Inbnd (degrees)	Flap pos Trailing Inbnd (degrees)	Flap pos Trailing OUTBD (degrees)	Leading Edge Lt. Set 1 (discrete)	Leading Edge Lt. Set 2 (discrete)	Leading Edge Lt. Set 3 (discrete)	Leading Edge Lt. Set 4 (discrete)	Leading Edge Rt. Set 1 (discrete)	Leading Edge Rt. Set 2 (discrete)	Leading Edge Rt. Set 3 (discrete)	Leading Edge Rt. Set 4 (discrete)	Reverser Eng 1 (1-T/R)	Reverser Eng 2 (1-T/R)	Reverser Eng 3 (1-T/R)	Reverser Eng 4 (1-T/R)
20:21:18	16605	-0.4	0.5	-7.9	2.7	3.4	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:21:19	16605	-0.3	0.5	-7.9	2.6	3.2	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
	16605	-0.2	0.5	-8.3	2.6	3.3	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
					2.5	2.9	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
					2.4	3.0	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
					2.4	2.9	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:21:20	16605	-0.2	0.5	-9.7	2.3	2.6	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:21:21	16605	-0.2	0.7	-9.7	2.3	2.8	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
	16605	-0.2	0.7	-9.7	2.1	2.5	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
					2.2	2.7	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
					2.0	2.4	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:21:22	16605	-0.3	0.6	-9.3	2.1	2.6	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
	16605		0.4		2.0	2.3	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
	16605				2.0	2.5	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:21:23	16605	-0.4	0.3	-8.7	1.9	2.2	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
		-0.4		-9.3	1.9	2.4	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
					1.8	2.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
					1.8	2.3	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:21:24	16470	-0.5	0.2	-11.4	1.7	2.0	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
			0.1		1.7	2.2	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:21:25	16470	-0.4	0.0	-11.2	1.6	1.9	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
	16470	0.0		-8.7	1.6	2.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
					1.5	1.8	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
					1.5	2.0	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:21:26	16335	0.4	-0.6	-9.7	1.4	1.7	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
			-0.8		1.4	1.9	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:21:27	16335	0.3	-0.8	-10.7	1.3	1.7	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
	16200	0.3		-12.4	1.4	1.8	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
					1.3	1.6	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
					1.3	1.7	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:21:28	16065	0.5	-0.8	-11.2	1.2	1.5	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
					1.2	1.7	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:21:29	16065	0.5	-0.9	-9.7	1.1	1.4	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
	15930	0.5	-1.2	-10.7	1.1	1.6	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
					1.0	1.3	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
					1.0	1.5	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:21:30	15795	0.5	-1.9	-7.3	1.0	1.3	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
					1.0	1.4	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:21:31	15660	0.5	-1.9	1.0	0.9	1.2	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
	15525	0.4	-1.8	-7.7	0.9	1.3	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
					0.8	1.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
					0.9	1.2	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:21:32	15390	0.5	-1.6	4.9	0.8	1.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
					0.8	1.2	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:21:33	15255	0.5	-1.5	0.0	0.7	1.0	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
	15120	0.4	-1.4	-8.7	0.7	1.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
					0.7	0.9	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
					0.7	1.0	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:21:34	14850	0.5	-1.3	-9.7	0.6	0.9	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
					0.6	1.0	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:21:35	14715	0.4	-1.3	-7.3	0.6	0.8	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
	14445	0.4	-1.1	-9.3	0.6	0.9	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
					0.5	0.7	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
					0.5	0.8	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:21:36	14175	0.5	-1.1	-5.7	0.5	0.7	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
					0.5	0.8	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:21:37	14040	0.4	-0.7	-9.3	0.4	0.6	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
	13905	0.3	-0.5	6.9	0.4	0.7	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
					0.4	0.6	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
					0.4	0.7	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:21:38	13635	0.0	-0.6	5.7	0.3	0.5	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
					0.4	0.6	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:21:39	13365	0.0	-0.7	4.9	0.3	0.5	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
	13095	0.2	-0.6	6.9	0.3	0.6	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
					0.3	0.4	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
					0.3	0.5	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:21:40	12960	-0.1	-0.5	1.6	0.2	0.4	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
					0.2	0.5	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:21:41	12825	-0.1	-0.5	6.5	0.2	0.4	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
	12555	0.0	-0.7	6.9	0.2	0.4	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
					0.2	0.3	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
					0.2	0.4	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:21:42	12420	-0.1	-0.9	-6.9	0.1	0.3	Trans	Ext	Ext	Ext	Trans	Ext	Trans	Ext	STOW	STOW	STOW	STOW
					0.1	0.4	Trans	Ext	Ext	Ext	Trans	Ext	Trans	Ext	STOW	STOW	STOW	STOW
20:21:43	12150	0.0	-0.9	-8.7	0.0	0.2	Trans	Ext	Ext	Ext	Trans	Ext	Trans	Ext	STOW	STOW	STOW	STOW
	12015	0.2	-0.9	-7.9	0.0	0.3	Trans	Ext	Ext	Ext	Trans	Ext	Trans	Ext	STOW	STOW	STOW	STOW
					0.0	0.2	Trans	Ext	Ext	Ext	Trans	Ext	Trans	Ext	STOW	STOW	STOW	STOW
					0.0	0.3	Trans	Ext	Ext	Ext	Trans	Ext	Trans	Ext	STOW	STOW	STOW	STOW

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20:21:44	11745	0.1	-0.9	-9.3	0.0	0.2	Trans	Ext	Ext	Ext	Trans	Ext	Trans	Ext	STOW	STOW	STOW	STOW
20:21:45	11475 10530	0.0 0.1	-1.0 -1.0	-4.3 -11.4	0.0 0.0	0.2 0.2	Trans	Ext	Ext	Ext	Trans	Ext	Trans	Ext	STOW	STOW	STOW	STOW
20:21:46	10800	0.0	-1.1	-12.0	0.0	0.1	Trans	Ext	Ext	Ext	Trans	Ext	Trans	Ext	STOW	STOW	STOW	STOW
20:21:47	10665 10260	0.1 0.5	-1.1 -1.1	-11.8 -9.3	0.0 0.0	0.0 0.0	Retract	Trans	Trans	Trans	Retract	Trans	Retract	Trans	STOW	STOW	STOW	STOW
20:21:48	9990	0.3	-1.1	-5.3	0.0	0.0	Retract	Trans	Trans	Trans	Retract	Trans	Retract	Trans	STOW	STOW	STOW	STOW
20:21:49	9720 9450	0.4 0.4	-1.1 -1.0	-3.0 -9.3	0.0 0.0	0.0 0.0	Retract	Trans	Trans	Trans	Retract	Trans	Retract	Trans	STOW	STOW	STOW	STOW
20:21:50	8370	0.5	-1.0	-10.7	0.0	0.0	Retract	Trans	Trans	Trans	Retract	Trans	Retract	Trans	STOW	STOW	STOW	STOW
20:21:51	8775 8505	0.2 0.2	-0.9 -0.9	-9.3	0.0 0.0	0.0 0.0	Retract	Trans	Trans	Trans	Retract	Trans	Retract	Trans	STOW	STOW	STOW	STOW
20:21:52	8370	0.3	-0.9	-10.7	0.0	0.0	Retract	Trans	Trans	Trans	Retract	Trans	Retract	Trans	STOW	STOW	STOW	STOW
20:21:53	7965 7830	0.3 0.0	-0.9 -1.0	-10.3	0.0 0.0	0.0 0.0	Retract	Trans	Trans	Trans	Retract	Trans	Retract	Trans	STOW	STOW	STOW	STOW
20:21:54	7560	0.2	-0.9	-11.4	0.0	0.0	Retract	Retract	Trans	Retract	Retract	Retract	Retract	Retract	STOW	STOW	STOW	STOW
20:21:55	6750 6885	0.0 0.0	-1.0 -0.9	-1.0	0.0 0.0	0.0 0.0	Retract	Retract	Trans	Retract	Retract	Retract	Retract	Retract	STOW	STOW	STOW	STOW
20:21:56	6615	0.0	-0.9	3.0	0.0	0.0	Retract	Retract	Trans	Retract	Retract	Retract	Retract	Retract	STOW	STOW	STOW	STOW
20:21:57	6345 5940	0.0 0.0	-0.9 -0.9	-12.4	0.0 0.0	0.0 0.0	Retract	Retract	Trans	Retract	Retract	Retract	Retract	Retract	STOW	STOW	STOW	STOW
20:21:58	5535	0.0	-0.9	-5.7	0.0	0.0	Retract	Retract	Trans	Retract	Retract	Retract	Retract	Retract	STOW	STOW	STOW	STOW
20:21:59	5130	0.2	-0.9	-10.7	0.0	0.0	Retract	Retract	Trans	Retract	Retract	Retract	Retract	Retract	STOW	STOW	STOW	STOW
20:22:00	4455 4320	0.2 0.3	-0.8 -0.9	-9.1	0.0	0.0	Retract	Retract	Trans	Retract	Retract	Retract	Retract	Retract	STOW	STOW	STOW	STOW
20:22:01	3915 3375	0.4 0.4	-0.9 -0.9	-10.7	0.0 0.0	0.0 0.0	Retract	Retract	Trans	Retract	Retract	Retract	Retract	Retract	STOW	STOW	STOW	STOW
20:22:02	2970	0.2	-0.9	-10.7	0.0	0.0	Retract	Retract	Trans	Retract	Retract	Retract	Retract	Retract	STOW	STOW	STOW	STOW
20:22:03	2430 1755	0.4 0.4	-0.9 -0.9	-10.7	0.0 0.0	0.0 0.0	Retract	Retract	Trans	Retract	Retract	Retract	Retract	Retract	STOW	STOW	STOW	STOW
20:22:04	1215	0.2	-0.9	-12.0	0.0	0.0	Retract	Retract	Trans	Retract	Retract	Retract	Retract	Retract	STOW	STOW	STOW	STOW
20:22:05	810 270	0.0 0.1	-0.8 -0.9	-8.7	0.0 0.0	0.0 0.0	Retract	Retract	Trans	Retract	Retract	Retract	Retract	Retract	STOW	STOW	STOW	STOW
20:22:06	-270	0.1 0.1	-0.9 -0.9	6.9	0.0 0.0	0.0 0.0	Retract	Retract	Trans	Retract	Retract	Retract	Retract	Retract	STOW	STOW	STOW	STOW
20:22:07	-810	0.3	-0.9	5.9	0.0	0.0	Retract	Ext	Ext	Ext	Retract	Retract	Retract	Retract	STOW	STOW	STOW	STOW
20:22:08	-1350 -1890	0.0 0.1	-0.8 -0.8	5.9	0.0 0.0	0.0 0.0	Retract	Retract	Trans	Retract	Retract	Retract	Retract	Retract	STOW	STOW	STOW	STOW
20:22:09	-2565	0.2	-0.7	5.9	0.0	0.0	Retract	Retract	Trans	Retract	Retract	Retract	Retract	Retract	STOW	STOW	STOW	STOW
20:22:10	-3105	0.1	-0.6	4.3	0.0	0.0	Retract	Retract	Trans	Retract	Retract	Retract	Retract	Retract	STOW	STOW	STOW	STOW

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20:22:11	-3780	0.1		-6.9	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	-4320	0.0	-0.7	6.5	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	-4725	0.1	-0.7	2.6	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	-5400	0.0	-0.7	-13.4	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:22:13	-5805	0.4	-0.7	-12.0	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	-6345	0.6	-0.7	-12.4	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	-6885	0.3	-0.7	-14.4	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
					0.0	0.0												
20:22:15	-7425	0.3	-0.7	-14.6	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
					0.0	0.0												
20:22:16	-7830	0.4	-0.8	-14.6	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	-8370	0.3	-0.8	-9.1	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:22:17	-8775	0.2	-0.8	-16.0	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
					0.0	0.0												
20:22:18	-9180	0.1	-0.7	-13.0	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	-9450	0.4	-0.7	8.1	0.0	0.0	Retrct	Retrct	Trans	Retrct								
20:22:19	-9855	0.2	-0.8	-12.4	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
					0.0	0.0												
20:22:20	-10125	0.2	-0.8	5.9	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	-10530	0.3	-0.8	-16.6	0.0	0.0												
20:22:21	-10800	0.4	-0.8	2.0	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
					0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	-11070	0.2	-0.8	-17.0	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	-11340	0.0	-0.7	-16.0	0.0	0.0												
20:22:23	-11475	0.0	-0.7	-13.0	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
					0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:22:24	-11745	0.0	-0.8	-20.1	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	-12015	0.0	-0.9	-18.9	0.0	0.0												
20:22:25	-12150	0.1	-0.9	-14.4	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
					0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:22:26	-12420	0.2	-0.9	-21.5	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	-12555	0.2	-0.9	-20.5	0.0	0.0												
20:22:27	-12825	0.0	-0.9	-14.4	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
					0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	-12960	0.1	-0.9	-16.0	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	-13230	0.0	-0.9	-16.0	0.0	0.0												
20:22:29	-13365	0.0	-0.9	-20.1	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
					0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	-13500	0.1	-0.8	-15.6	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	-13770	0.2	-0.8	-16.0	0.0	0.0												
20:22:31	-13905	0.2	-0.8	-17.0	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
					0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:22:32	-14040	0.2	-0.8	-16.6	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	-14175	0.1	-0.9	-17.0	0.0	0.0												
20:22:33	-13500	0.3	-0.9	-16.6	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
					0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:22:34	-14445	0.3	-0.9	-17.4	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	-14715	0.2	-0.9		0.0	0.0												
20:22:35	-14715	0.0	-0.9	-17.4	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
				-17.4	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:22:36	-14985	0.0	-0.8	-16.6	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	-15120	0.0	-0.9		0.0	0.0												

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LOCAL TIME (ref.) CVR	ALTC (FEET)	Elevator Position Left (degrees)	Rudder Position (lower) (degrees)	Aileron Position R inbd (degrees)	Flap pos Trailing Inbd (degrees)	Flap pos Trailing OUTBD (degrees)	Leading Edge Lt. Set 1 (discrete)	Leading Edge Lt. Set 2 (discrete)	Leading Edge Lt. Set 3 (discrete)	Leading Edge Lt. Set 4 (discrete)	Leading Edge Rt. Set 1 (discrete)	Leading Edge Rt. Set 2 (discrete)	Leading Edge Rt. Set 3 (discrete)	Leading Edge Rt. Set 4 (discrete)	Reverser Eng 1 (1-T/R)	Reverser Eng 2 (1-T/R)	Reverser Eng 3 (1-T/R)	Reverser Eng 4 (1-T/R)
20:22:37	-15255	0.0	-0.9	11.4	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:22:38	-14445 -15525	-0.2 0.0	-0.9 -0.8	-5.3 11.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:22:39	-15525	0.1	-0.9	11.6	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:22:40	-15660 -15795	0.2 0.2	-0.9 -0.8	12.0	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:22:41	-15930	0.4	-0.9	12.0 -8.7	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:22:42	-16065 -15390	0.1 0.3	-0.9 -0.9	-12.0	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:22:43	-16335	0.1	-0.8	-21.1 -21.1	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:22:44	-16470 -16470	0.1 0.2	-0.9 -0.8	13.0 12.0	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:22:45	-16605	0.2	-0.9	-19.5	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:22:46	-16740 -16875	0.3	-0.9 -0.9	-15.6	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:22:47	-16065	0.3 0.2	-0.9	-15.0 11.0	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:22:48	-16875 -17010	0.2	-0.9 -0.9	-14.0	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:22:49	-17010	0.3 0.1	-0.9	-9.7 -14.6	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:22:50	-17010	0.0	-0.9 -0.9	-10.7	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:22:51	-17145 -17145	0.1 0.2	-0.9	-11.4 -19.1	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:22:52	-16470	0.4	-0.9 -0.9	-9.7	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:22:53	-17145 -17145	0.3 0.5	-0.8	-10.3 -14.0	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:22:54	-17145	0.4	-0.8	-11.2	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:22:55	-17010 -17010	0.4 0.4	-0.8 -0.7	-18.5 11.6	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:22:56	-16875	0.3	-0.8	-10.7	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:22:57	-16065 -16740	0.5 0.3	-0.8 -0.8	-10.1 -15.6	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:22:58	-16605	0.2	-0.8	-14.0	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:22:59	-16470 -16335	0.0 0.2	-0.8 -0.8	-18.0 12.0	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:23:00	-16065	0.2	-0.8	-3.4	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:23:01	-15930 -15795	0.0 0.1	-0.8 -0.8	-1.0 8.7	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:23:02	-15525	0.3	-0.9	-9.7	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW

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LOCAL TIME (ref.) CVR	ALTC (FEET)	Elevator Position Left (degrees)	Rudder Position (lower) (degrees)	Aileron Position R Inbd (degrees)	Flap pos Inbd (degrees)	Flap pos Trailing OUTBD (degrees)	Leading Edge Lt. Set 1 (discrete)	Leading Edge Lt. Set 2 (discrete)	Leading Edge Lt. Set 3 (discrete)	Leading Edge Lt. Set 4 (discrete)	Leading Edge Rt. Set 1 (discrete)	Leading Edge Rt. Set 2 (discrete)	Leading Edge Rt. Set 3 (discrete)	Leading Edge Rt. Set 4 (discrete)	Reverser Eng 1 (1-T/R)	Reverser Eng 2 (1-T/R)	Reverser Eng 3 (1-T/R)	Reverser Eng 4 (1-T/R)
20:23:03	-15255 -14985	0.5 0.4	-0.9 -0.9	-9.3 6.5	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:23:04	-14715	0.3	-0.9	-11.4	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:23:05	-14445 -14175	0.2 0.1	-0.9 -0.9	-10.3 -9.7	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:23:06	-13905	0.2	-0.9	-8.7	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:23:07	-13500 -13095	0.2 0.4	-0.9 -0.9	-10.3 -8.7	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:23:08	-12690	0.2	-1.0	-9.1	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:23:09	-12285 -11610	0.4 0.3	-1.1 -1.1	-8.7 2.2	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:23:10	-11070	0.3	-1.0	-16.0	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:23:11	-10530 -9855	0.3 0.4	-1.1 -1.1	-15.6 -16.0	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:23:12	-9180	0.4	-1.1	10.3	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:23:13	-8235 -7425	0.5 0.4	-0.9 -0.8	-9.3 -20.1	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:23:14	-6480	0.4	-0.7	-9.7	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:23:15	-5535 -4590	0.5 0.3	-0.7 -0.8	-9.3 -8.7	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:23:16	-3510	0.4	-0.9	-9.1	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:23:17	-2565 -1485	0.5 0.5	-0.9 -0.9	-9.7	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:23:18	-270	0.5	-0.9	-9.3 -8.7	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:23:19	810 1755	0.5 0.5	-0.8 -0.7	-9.3	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:23:20	2835	0.4	-0.7	-15.0 -9.7	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:23:21	3780 4590	0.4 0.5	-0.9 -0.8	3.0	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:23:22	5400	0.2	-0.7	2.2 -6.3	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:23:23	6210 7020	0.2 0.3	-0.7 -0.7	-3.7	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:23:24	7560	0.2	-0.7	9.9 2.6	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:23:25	8235 8235	0.2 0.2	-0.8 -0.8	-18.5	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:23:26	9315	0.0	-0.8	-10.3 -9.7	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:23:27	9720 10260	0.0 0.2	-0.8 -0.8	-10.3	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:23:28	10665	0.1	-0.8	-11.4 -12.4	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW

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LOCAL TIME (ref.) CVR	ALTC (FEET)	Elevator Position Left (degrees)	Rudder Position (lower) (degrees)	Aileron Position R Inbd (degrees)	Flap pos Trailing Inbd (degrees)	Flap pos Trailing OUTBD (degrees)	Leading Edge Lt. Set 1 (discrete)	Leading Edge Lt. Set 2 (discrete)	Leading Edge Lt. Set 3 (discrete)	Leading Edge Lt. Set 4 (discrete)	Leading Edge Rt. Set 1 (discrete)	Leading Edge Rt. Set 2 (discrete)	Leading Edge Rt. Set 3 (discrete)	Leading Edge Rt. Set 4 (discrete)	Reverser Eng 1 (1-T/R)	Reverser Eng 2 (1-T/R)	Reverser Eng 3 (1-T/R)	Reverser Eng 4 (1-T/R)
20:23:29	11070	0.2	-0.8	-11.2	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:23:30	11340	0.0	-0.8	-12.0	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	11070	0.2	-0.9	-11.4	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:23:31	12015	0.1	-0.9	-11.4	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:23:32	12285	0.0	-0.9	-13.4	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	12555	0.0	-0.9	-11.2	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:23:33	12825	0.1	-0.9	-12.0	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:23:34	12960	0.0	-0.9	-11.8	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	13230	0.0	-0.9	-11.8	6.2	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:23:35	12690	0.0	-0.9	-13.0	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:23:36	13770	0.2	-0.8	-13.0	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	13770	-0.1	-0.8	-12.4	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:23:37	13905	0.0	-0.9	-12.4	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:23:38	14040	0.0	-1.0	-10.3	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	14040	0.0	-1.1	7.9	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:23:39	14175	0.0	-1.2	-8.3	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:23:40	13635	0.0	-1.1	5.9	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	14445	-0.2	-1.0	9.7	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:23:41	14445	0.0	-0.9	9.7	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:23:42	14580	0.0	-0.8	-14.0	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	14715	0.0	-0.7	12.0	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:23:43	14715	-0.2	-0.7	10.3	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:23:44	14715	0.0	-0.9	10.3	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	14580	-0.2	-0.9	11.0	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:23:45	14715	-0.1	-0.9	7.5	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:23:46	14715	0.0	-0.9	9.9	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	14715	-0.2	-0.9	-17.0	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:23:47	14850	-0.2	-0.9	-9.7	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:23:48	14850	0.0	-0.9	-16.6	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	14850	-0.2	-0.8	-18.0	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:23:49	14715	-0.5	-0.7	-17.4	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:23:50	14715	-0.6	-0.7	-18.5	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	14715	-0.5	-0.8	-18.5	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:23:51	14715	-0.5	-0.8	-5.7	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:23:52	14580	-0.6	-0.8	-18.0	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	14580	-0.5	-0.8	-18.5	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:23:53	14580	-0.5	-0.7	-25.1	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:23:54	14580	-0.5	-0.7	-14.0	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	14580	-0.5	-0.8	-19.5	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:23:55	14715	-0.4	-0.8	-18.3	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW

TWA Flt. 800, B747-131, Takeoff to End of Data
 Tabular Data No. 2, Date Printed: January 10, 1997, National Transportation Safety Board

LOCAL TIME (ref.) CVR	ALTC (FEET)	Elevator Position Left (degrees)	Rudder Position (lower) (degrees)	Aileron Position R inbd (degrees)	Flap pos Trailing Inbd (degrees)	Flap pos Trailing OUTBD (degrees)	Leading Edge Lt. Set 1 (discrete)	Leading Edge Lt. Set 2 (discrete)	Leading Edge Lt. Set 3 (discrete)	Leading Edge Lt. Set 4 (discrete)	Leading Edge Rt. Set 1 (discrete)	Leading Edge Rt. Set 2 (discrete)	Leading Edge Rt. Set 3 (discrete)	Leading Edge Rt. Set 4 (discrete)	Reverser Eng 1 (1-T/R)	Reverser Eng 2 (1-T/R)	Reverser Eng 3 (1-T/R)	Reverser Eng 4 (1-T/R)
20:23:56	14715 14850	-0.4 0.0	-0.8 -0.7	-16.0 -18.5	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:23:57	14985	0.2	-0.7	-20.1	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:23:58	15120 15255	0.2 0.3	-0.7 -0.6	-20.5 5.5	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	Retrct Retrct Retrct	Retrct Retrct Retrct	Trans Trans	Retrct Retrct Retrct	Retrct Retrct Retrct	Retrct Retrct Retrct	Retrct Retrct Retrct	Retrct Retrct Retrct	STOW STOW STOW	STOW STOW STOW	STOW STOW STOW	STOW STOW STOW
20:23:59	15390	0.2	-0.7	-10.3	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:24:00	15525 15660	0.4 0.4	-0.7 -0.7	-15.6	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	Retrct Retrct Retrct	Retrct Retrct Retrct	Trans Trans	Retrct Retrct Retrct	Retrct Retrct Retrct	Retrct Retrct Retrct	Retrct Retrct Retrct	Retrct Retrct Retrct	STOW STOW STOW	STOW STOW STOW	STOW STOW STOW	STOW STOW STOW
20:24:01	15795	0.4	-0.7	-18.0	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:24:02	15930 16065	0.3 0.3	-0.7 -0.7	-18.0 6.9	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	Retrct Retrct Retrct	Retrct Retrct Retrct	Trans Trans	Retrct Retrct Retrct	Retrct Retrct Retrct	Retrct Retrct Retrct	Retrct Retrct Retrct	Retrct Retrct Retrct	STOW STOW STOW	STOW STOW STOW	STOW STOW STOW	STOW STOW STOW
20:24:03	16200	0.0	-0.7	-20.5	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:24:04	16335 16470	-0.2 -0.2	-0.8 -0.8	-20.1 -18.5	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	Retrct Retrct Retrct	Retrct Retrct Retrct	Trans Trans	Retrct Retrct Retrct	Retrct Retrct Retrct	Retrct Retrct Retrct	Retrct Retrct Retrct	Retrct Retrct Retrct	STOW STOW STOW	STOW STOW STOW	STOW STOW STOW	STOW STOW STOW
20:24:05	16605	-0.2	-0.9	-14.8 -20.5	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	Retrct Retrct Retrct	Retrct Retrct Retrct	Trans Trans	Retrct Retrct Retrct	Retrct Retrct Retrct	Retrct Retrct Retrct	Retrct Retrct Retrct	Retrct Retrct Retrct	STOW STOW STOW	STOW STOW STOW	STOW STOW STOW	STOW STOW STOW
20:24:06	16740 16875	-0.3 0.0	-0.9 -0.8	-15.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	Retrct Retrct Retrct	Retrct Retrct Retrct	Trans Trans	Retrct Retrct Retrct	Retrct Retrct Retrct	Retrct Retrct Retrct	Retrct Retrct Retrct	Retrct Retrct Retrct	STOW STOW STOW	STOW STOW STOW	STOW STOW STOW	STOW STOW STOW
20:24:07	17010	0.3	-0.8	-16.6 -16.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	Retrct Retrct Retrct	Retrct Retrct Retrct	Trans Trans	Retrct Retrct Retrct	Retrct Retrct Retrct	Retrct Retrct Retrct	Retrct Retrct Retrct	Retrct Retrct Retrct	STOW STOW STOW	STOW STOW STOW	STOW STOW STOW	STOW STOW STOW
20:24:08	17010 17145	0.4 0.5	-0.7 -0.7	-22.1	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	Retrct Retrct Retrct	Retrct Retrct Retrct	Trans Trans	Retrct Retrct Retrct	Retrct Retrct Retrct	Retrct Retrct Retrct	Retrct Retrct Retrct	Retrct Retrct Retrct	STOW STOW STOW	STOW STOW STOW	STOW STOW STOW	STOW STOW STOW
20:24:09	17145	0.5	-0.7	-13.4 -19.5	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	Retrct Retrct Retrct	Retrct Retrct Retrct	Trans Trans	Retrct Retrct Retrct	Retrct Retrct Retrct	Retrct Retrct Retrct	Retrct Retrct Retrct	Retrct Retrct Retrct	STOW STOW STOW	STOW STOW STOW	STOW STOW STOW	STOW STOW STOW
20:24:10	17280 17280	0.5	-0.7 -0.7	-14.4	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	Retrct Retrct Retrct	Retrct Retrct Retrct	Trans Trans	Retrct Retrct Retrct	Retrct Retrct Retrct	Retrct Retrct Retrct	Retrct Retrct Retrct	Retrct Retrct Retrct	STOW STOW STOW	STOW STOW STOW	STOW STOW STOW	STOW STOW STOW
20:24:11	17280	0.2 0.0	-0.7	-14.4 -22.5	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	Retrct Retrct Retrct	Retrct Retrct Retrct	Trans Trans	Retrct Retrct Retrct	Retrct Retrct Retrct	Retrct Retrct Retrct	Retrct Retrct Retrct	Retrct Retrct Retrct	STOW STOW STOW	STOW STOW STOW	STOW STOW STOW	STOW STOW STOW
20:24:12	17280 17145	0.0	-0.7 -0.7	-22.1	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	Retrct Retrct Retrct	Retrct Retrct Retrct	Trans Trans	Retrct Retrct Retrct	Retrct Retrct Retrct	Retrct Retrct Retrct	Retrct Retrct Retrct	Retrct Retrct Retrct	STOW STOW STOW	STOW STOW STOW	STOW STOW STOW	STOW STOW STOW
20:24:13	16335	0.0 0.2	-0.8	-16.0 -14.6	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	Retrct Retrct Retrct	Retrct Retrct Retrct	Trans Trans	Retrct Retrct Retrct	Retrct Retrct Retrct	Retrct Retrct Retrct	Retrct Retrct Retrct	Retrct Retrct Retrct	STOW STOW STOW	STOW STOW STOW	STOW STOW STOW	STOW STOW STOW
20:24:14	17010 16740	0.2	-0.7 -0.7	-19.1	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	Retrct Retrct Retrct	Retrct Retrct Retrct	Trans Trans	Retrct Retrct Retrct	Retrct Retrct Retrct	Retrct Retrct Retrct	Retrct Retrct Retrct	Retrct Retrct Retrct	STOW STOW STOW	STOW STOW STOW	STOW STOW STOW	STOW STOW STOW
20:24:15	16605	0.4 0.5	-0.7	-16.6 -12.4	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	Retrct Retrct Retrct	Retrct Retrct Retrct	Trans Trans	Retrct Retrct Retrct	Retrct Retrct Retrct	Retrct Retrct Retrct	Retrct Retrct Retrct	Retrct Retrct Retrct	STOW STOW STOW	STOW STOW STOW	STOW STOW STOW	STOW STOW STOW
20:24:16	16335	0.5	-0.6 -0.5	-14.6	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	Retrct Retrct Retrct	Retrct Retrct Retrct	Trans Trans	Retrct Retrct Retrct	Retrct Retrct Retrct	Retrct Retrct Retrct	Retrct Retrct Retrct	Retrct Retrct Retrct	STOW STOW STOW	STOW STOW STOW	STOW STOW STOW	STOW STOW STOW
20:24:17	15930 15660	0.5 0.5	-0.5	-14.0 5.9	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	Retrct Retrct Retrct	Retrct Retrct Retrct	Trans Trans	Retrct Retrct Retrct	Retrct Retrct Retrct	Retrct Retrct Retrct	Retrct Retrct Retrct	Retrct Retrct Retrct	STOW STOW STOW	STOW STOW STOW	STOW STOW STOW	STOW STOW STOW
20:24:18	14310	0.5	-0.6 -0.6	-10.7	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	Retrct Retrct Retrct	Retrct Retrct Retrct	Trans Trans	Retrct Retrct Retrct	Retrct Retrct Retrct	Retrct Retrct Retrct	Retrct Retrct Retrct	Retrct Retrct Retrct	STOW STOW STOW	STOW STOW STOW	STOW STOW STOW	STOW STOW STOW
20:24:19	14580 14040	0.7 0.5	-0.6	-12.8 11.6	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	Retrct Retrct Retrct	Retrct Retrct Retrct	Trans Trans	Retrct Retrct Retrct	Retrct Retrct Retrct	Retrct Retrct Retrct	Retrct Retrct Retrct	Retrct Retrct Retrct	STOW STOW STOW	STOW STOW STOW	STOW STOW STOW	STOW STOW STOW
20:24:20	13365	0.5	-0.6	-27.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	Retrct Retrct Retrct	Retrct Retrct Retrct	Trans Trans	Retrct Retrct Retrct	Retrct Retrct Retrct	Retrct Retrct Retrct	Retrct Retrct Retrct	Retrct Retrct Retrct	STOW STOW STOW	STOW STOW STOW	STOW STOW STOW	STOW STOW STOW
20:24:21	12690 12015	0.5 0.5	-0.6 -0.7	-23.5 -12.4	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	Retrct Retrct Retrct	Retrct Retrct Retrct	Trans Trans	Retrct Retrct Retrct	Retrct Retrct Retrct	Retrct Retrct Retrct	Retrct Retrct Retrct	Retrct Retrct Retrct	STOW STOW STOW	STOW STOW STOW	STOW STOW STOW	STOW STOW STOW

TWA Flt. 800, B747-131, Takeoff to End of Data
 Tabular Data No. 2, Date Printed: January 10, 1997, National Transportation Safety Board

LOCAL TIME (ref.) CVR	ALTC (FEET)	Elevator Position Left (degrees)	Rudder Position (lower) (degrees)	Aileron Position R inbd (degrees)	Flap pos Trailing inbd (degrees)	Flap pos Trailing OUTBD (degrees)	Leading Edge Lt. Set 1 (discrete)	Leading Edge Lt. Set 2 (discrete)	Leading Edge Lt. Set 3 (discrete)	Leading Edge Lt. Set 4 (discrete)	Leading Edge Rt. Set 1 (discrete)	Leading Edge Rt. Set 2 (discrete)	Leading Edge Rt. Set 3 (discrete)	Leading Edge Rt. Set 4 (discrete)	Reverser Eng 1 (1-T/R)	Reverser Eng 2 (1-T/R)	Reverser Eng 3 (1-T/R)	Reverser Eng 4 (1-T/R)
20:24:22	11070	0.4	-0.7	-12.4	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:24:23	9585 9180	0.4 0.5	-0.7 -0.7	-12.4 -19.5	0.0 0.0 0.0	0.0 0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:24:24	8100	0.8	-0.8	-15.0	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:24:25	6885 5670	0.7 0.5	-0.7 -0.7	-15.0 7.5	0.0 0.0 0.0	0.0 0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:24:26	4455	0.5	-0.8	-18.5	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:24:27	3240 1890	0.4 0.2	-0.9 -0.9	-1.0 -17.4	0.0 0.0 0.0	0.0 0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW	STOW	STOW	STOW
20:24:28	810	0.4	-0.9	11.6	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:24:29	-540 -1620	0.4 0.5	-0.9 -0.9	0.6 2.6	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:24:30	-2700	0.5	-0.8	4.3	0.0 0.0 0.0	0.0 0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:24:31	-3780 -4725	0.5 0.4	-0.8 -0.9	11.6 -10.7	0.0 0.0 0.0	0.0 0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:24:32	-5130	0.3	-0.9	-15.4	0.0 0.0 0.0	0.0 0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:24:33	-6345 -7020	0.4 0.4	-1.0 -1.0	-12.0 -14.0	0.0 0.0 0.0	0.0 0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:24:34	-7695	0.5	-1.1	-21.5	0.0 0.0 0.0	0.0 0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:24:35	-8370 -8910	0.5 0.4	-1.1 -1.0	-14.0 -13.4	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:24:36	-9585	0.3	-1.0	-11.8	0.0 0.0 0.0	0.0 0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:24:37	-9990 -10395	0.4 0.2	-0.9 -0.9	-17.0 -14.0	0.0 0.0 0.0	0.0 0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:24:38	-10800	0.0	-0.9	-14.4	0.0 0.0 0.0	0.0 0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:24:39	-11070 -11340	0.0 0.0	-0.9 -1.0	13.2 2.6	0.0 0.0 0.0	0.0 0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:24:40	-11610	0.0	-1.0	3.0	0.0 0.0 0.0	0.0 0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:24:41	-11880 -12015	-0.2 -0.1	-1.0 -1.0	12.0 12.6	0.0 0.0 0.0	0.0 0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:24:42	-12285	-0.2	-1.1	5.5	0.0 0.0 0.0	0.0 0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:24:43	-12420 -12555	-0.1 0.0	-1.0 -1.1	-3.0	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:24:44	-12825	-0.1	-1.0	12.0	0.0 0.0 0.0	0.0 0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:24:45	-12960 -13230	0.0 0.0	-1.0 -1.0	12.0	0.0 0.0 0.0	0.0 0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:24:46	-13365	0.0	-0.9	-13.0	0.0 0.0 0.0	0.0 0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:24:47	-13635 -13905	0.0 0.0	-0.9 -0.9	10.3 -21.1	0.0 0.0 0.0	0.0 0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW

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LOCAL TIME (ref.) CVR	ALT (FEET)	Elevator Position Left (degrees)	Rudder Position (lower) (degrees)	AILeron Position R inbd (degrees)	Flap pos Trailing Inbd (degrees)	Flap pos Trailing OUTBD (degrees)	Leading Edge Lt. Set 1 (discrete)	Leading Edge Lt. Set 2 (discrete)	Leading Edge Lt. Set 3 (discrete)	Leading Edge Lt. Set 4 (discrete)	Leading Edge Rt. Set 1 (discrete)	Leading Edge Rt. Set 2 (discrete)	Leading Edge Rt. Set 3 (discrete)	Leading Edge Rt. Set 4 (discrete)	Reverser Eng 1 (1-T/R)	Reverser Eng 2 (1-T/R)	Reverser Eng 3 (1-T/R)	Reverser Eng 4 (1-T/R)
20:24:48	-14040	0.3	-0.9	-14.8 -14.0	0.0 6.2	0.0 0.0 0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:24:49	-14310 -14445	0.3 0.3	-0.9 -0.8	-13.0	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:24:50	-14715	0.2	-0.8	-13.0 -16.6	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:24:51	-14985 -15120	0.2 0.4	-0.8 -0.9	-19.1	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:24:52	-15255	0.4	-0.7	0.4 -19.1	0.0 0.0 0.0	0.0 0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:24:53	-15390 -15660	0.2	-0.7 -0.9	-11.4	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:24:54	-15795	0.4 0.3	-0.9	-16.0 8.3	0.0 0.0 0.0 6.2	0.0 0.0 0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Ext	Retrct Ext	Retrct Ext	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:24:55	-15930	0.2	-0.9	0.0	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:24:56	-16065 -16200	0.2 0.2	-0.9 -0.8	11.0 11.4	0.0 0.0 0.0	0.0 0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:24:57	-16335 -16605	0.5	-0.7 -0.8	10.3	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:24:58	-16740	0.3	-0.8	12.0 -16.6	0.0 0.0 0.0 6.2	0.0 0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:24:59	-16740	0.2	-0.9 -0.8	2.2	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:25:00	-16875 -17010	0.0 0.3	-0.9	-21.5 -14.0	0.0 0.0 0.0	0.0 0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:25:01	-16335	0.4	-0.9 -0.9	-14.8	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:25:02	-17145 -17280	0.2 0.2	-0.8	-15.0 -20.9	0.0 0.0 0.0	0.0 0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:25:03	-17415	0.2	-0.9	-15.6	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20:25:04	-17415 -17550	0.4 0.1	-0.9 -0.9	-17.4 -19.5	0.0 0.0 0.0	0.0 0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:25:05	-17550	0.2	-0.9	-17.4	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:25:06	-16740 -17685	0.0 0.4	-0.9 -0.9	-10.7 -19.5	0.0 0.0 0.0	0.0 0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:25:07	-17685	0.2	-0.9	0.6	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:25:08	-17685 -17820	0.0 -0.2	-0.9 -1.0	1.2 13.0	0.0 0.0 0.0	5.9 0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:25:09	-17820	-0.2	-1.1	-19.5	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:25:10	-17820 -17010	0.0 0.0	-1.0 -1.0	13.0 3.0	0.0 0.0 0.0	0.0 0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:25:11	-17820	0.0	-1.0	-3.0	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:25:12	-17820 -17820	-0.1 0.0	-0.9 -0.9	12.0 11.6	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:25:13	-17820	0.3	-0.9	12.6	0.0 0.0 0.0	0.0 0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:25:14	-17955	0.2	-0.9	-18.3	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW

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LOCAL TIME (ref.) CVR	ALTC (FEET)	Elevator Position Left (degrees)	Rudder Position (lower) (degrees)	Aileron Position R inbd (degrees)	Flap pos Trailing (degrees)	Flap pos Trailing OUTBD (degrees)	Leading Edge Lt. Set 1 (discrete)	Leading Edge Lt. Set 2 (discrete)	Leading Edge Lt. Set 3 (discrete)	Leading Edge Lt. Set 4 (discrete)	Leading Edge Rt. Set 1 (discrete)	Leading Edge Rt. Set 2 (discrete)	Leading Edge Rt. Set 3 (discrete)	Leading Edge Rt. Set 4 (discrete)	Reverser Eng 1 (1-T/R)	Reverser Eng 2 (1-T/R)	Reverser Eng 3 (1-T/R)	Reverser Eng 4 (1-T/R)
	-17820	0.2	-0.9	-26.6	0.0	0.0												
20:25:15	-17010	0.3	-0.9	-17.4	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:25:16	-17820	0.2	-0.9	-15.0	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	-17820	0.3	-0.9	-17.0	0.0	0.0												
20:25:17	-17820	0.4	-0.9	-18.9	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:25:18	-17820	0.4	-0.9	-15.6	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	-17820	0.3	-0.9	-18.5	0.0	0.0												
20:25:19	-17820	0.4	-0.9	-18.9	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:25:20	-16875	0.5	-0.9	-17.4	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	-17685	0.2	-0.9	1.6	0.0	0.0												
20:25:21	-17685	0.3	-0.8	3.0	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:25:22	-17685	0.3	-0.9	-1.0	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	-17550	0.4	-0.9	5.5	0.0	0.0												
20:25:23	-17550	0.2	37.8	7.5	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:25:24	-17415	0.3	-0.9	6.5	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	-17415	0.5	-0.9	0.4	0.0	0.0												
20:25:25	-17280	0.3	-0.9	123.3	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:25:26	-17280	0.4	-0.9	-18.5	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	-17145	0.0	-0.9		0.0	0.0												
20:25:27	-17145	0.0	-0.9	-2.6	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:25:28	-17010	0.0	-0.9	-20.5	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	-16875	0.0	-0.9		0.0	0.0												
20:25:29	-16875	0.0	-0.9	-18.9	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:25:30	-16740	0.2	-0.9	-19.1	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	-16605	0.1	-0.9		0.0	0.0												
20:25:31	-16470	0.3	-0.9	-16.6	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
				-19.5	0.0	0.0												
20:25:32	-16200	0.0	-0.8	-16.6	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	-13770	0.1	-0.8		0.0	0.0												
20:25:33	-15795	0.1	-0.9	-17.4	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
				-19.1	0.0	0.0												
20:25:34	-15660	0.2	-0.7	-18.3	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	-15525	0.2	-0.7		0.0	0.0												
20:25:35	-15255	0.2	-0.8	-19.1	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
				-23.5	0.0	0.0												
20:25:36	-14985	0.4	-0.9	-19.5	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	-14715		-0.9		0.0	0.0												
20:25:37	-14445	0.2	-0.9	11.0	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
		0.5		-6.9	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:25:38	-14175	0.4	-0.9	2.6	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	-13905		-0.9		0.0	0.0												
20:25:39	-13500	0.5	-0.9	-19.1	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
		0.2		12.0	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW

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LOCAL TIME (ref.) CVR	ALTC (FEET)	Elevator Position (degrees)	Rudder Position (degrees)	AILeron Position (degrees)	Flap pos Trailing Inbd (degrees)	Flap pos Trailing OUTBD (degrees)	Leading Edge Lt. Set 1 (discrete)	Leading Edge Lt. Set 2 (discrete)	Leading Edge Lt. Set 3 (discrete)	Leading Edge Lt. Set 4 (discrete)	Leading Edge Rt. Set 1 (discrete)	Leading Edge Rt. Set 2 (discrete)	Leading Edge Rt. Set 3 (discrete)	Leading Edge Rt. Set 4 (discrete)	Reverser Eng 1 (1-T/R)	Reverser Eng 2 (1-T/R)	Reverser Eng 3 (1-T/R)	Reverser Eng 4 (1-T/R)
20:25:40	-13230	0.2	-0.9	-10.3	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:25:41	-12960	0.2	-0.9	-17.2	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	-12555	0.2	-0.9	-1.6	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:25:42	-12015	0.3	-0.9	-27.6	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:25:43	-11745	0.2	-0.9	-17.4	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	-11475	0.0	-0.9	-16.6	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:25:44	-11070	0.2	-0.9	-16.4	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:25:45	-10530	0.3	-0.9	-17.0	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	-10125	0.3	-0.9	-17.4	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:25:46	-9585	0.2	-0.9	-20.5	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:25:47	-9315	0.4	-0.9	-17.4	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	-8910	0.3	-0.9	-19.5	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:25:48	-8370	0.3	-0.9	-29.0	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:25:49	-7155	0.3	-0.9	-29.0	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	-7155	0.3	-0.8	0.6	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:25:50	-6615	0.5	-0.7	-19.5	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:25:51	-5805	0.3	-0.8	-17.0	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	-5400	0.4	-0.9	-25.6	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:25:52	-5265	0.1	-0.9	13.4	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:25:53	-4725	0.3	-1.0	7.9	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	-3780	0.3	-0.9	-17.2	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:25:54	-3510	0.5	-0.9	-17.0	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:25:55	-3105	0.2	-0.7	-17.0	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	-2700	0.2	-0.7	-26.6	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:25:56	-2295	0.2	-0.9	-16.0	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:25:57	-1890	0.1	-0.9	-17.4	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	-1485	0.0	-0.9	-24.1	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:25:58	-945	0.3	-0.9	-19.5	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:25:59	-540	0.2	-0.9	-18.5	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	0	0.1	-0.9	-17.0	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:26:00	405	0.2	-0.9	-17.0	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:26:01	945	0.2	-0.8	-19.1	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	1350	0.2	-0.8	-19.1	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:26:02	1890	0.2	-0.8	-19.5	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:26:03	1890	0.2	-0.8	-18.0	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	2565	0.2	-0.9	-19.5	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:26:04	2835	0.2	-0.9	-5.7	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:26:05	3375	0.0	-0.9	12.0	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	3780	0.0	-0.9	-18.0	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:26:06	4185	0.0	-0.9	12.6	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW

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LOCAL TIME (ref.) CVR	ALTC (FEET)	Elevator Position Left (degrees)	Rudder Position (lower) (degrees)	Aileron Position R Inbd (degrees)	Flap pos Trailing Inbd (degrees)	Flap pos Trailing OUTBD (degrees)	Leading Edge Lt. Set 1 (discrete)	Leading Edge Lt. Set 2 (discrete)	Leading Edge Lt. Set 3 (discrete)	Leading Edge Lt. Set 4 (discrete)	Leading Edge Rt. Set 1 (discrete)	Leading Edge Rt. Set 2 (discrete)	Leading Edge Rt. Set 3 (discrete)	Leading Edge Rt. Set 4 (discrete)	Reverser Eng 1 (1-T/R)	Reverser Eng 2 (1-T/R)	Reverser Eng 3 (1-T/R)	Reverser Eng 4 (1-T/R)
20:26:07	4590 4725	0.2 0.2	-0.9 -0.9	-17.4 9.3	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:26:08	5400	0.2	-0.8	-22.5	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:26:09	5805 5940	0.0 0.0	-0.8 -0.9	-17.4	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:26:10	5940	0.2	-0.9	-18.0	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:26:11	7020 7290	0.1 0.0	-1.0 -0.9	-26.4	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:26:12	7560	-0.2	-0.9	-18.0	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:26:13	8100 8640	0.0 0.0	-0.9 -0.8	-20.5	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:26:14	9045	0.0	-0.8	-19.5 -25.3	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:26:15	9315 9720	0.0 0.2	-0.7 -0.8	-21.1	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:26:16	9990	0.0	-0.8	-22.5 5.7	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:26:17	10395	0.2	-0.9	10.3	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:26:18	10800 11205	0.0 0.2	-0.9 -0.9	8.3 12.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:26:19	11475	0.0	-0.9	3.2	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:26:20	11880 12285	0.0 -0.2	-0.9 -0.9	12.4 11.4	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:26:21	12555 12960	-0.3	-0.9 -0.9	6.5	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:26:22	13365	-0.2	-0.9	0.0	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:26:23	13770 14175	0.4	-0.9 -0.8	-26.6	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:26:24	14445	0.3 0.2	-0.9	11.6 -22.1	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:26:25	14850	0.2	-0.9	-0.4	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:26:26	15120 15525	0.2 0.3	-0.9	-19.5 -17.0	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:26:27	15795	0.3	-0.9	-19.1	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:26:28	16200 16470	0.3 0.5	-0.8	-18.0 -15.6	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:26:29	16875	0.3	-0.6	-4.3	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:26:30	17010 17280	0.3 0.3	-0.6 -0.5	-11.4 12.0	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:26:31	17415	0.2	-0.7	3.9	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:26:32	17550 17820	0.3 0.2	-0.8 -0.8	-0.4 11.6	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW

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LOCAL TIME (ref.) CVR	ALTC (FEET)	Elevator Position Left (degrees)	Rudder Position (lower) (degrees)	Aileron Position R inbd (degrees)	Flap pos Trailing Inbd (degrees)	Flap pos Trailing OUTBD (degrees)	Leading Edge Lt. Set 1 (discrete)	Leading Edge Lt. Set 2 (discrete)	Leading Edge Lt. Set 3 (discrete)	Leading Edge Lt. Set 4 (discrete)	Leading Edge Rt. Set 1 (discrete)	Leading Edge Rt. Set 2 (discrete)	Leading Edge Rt. Set 3 (discrete)	Leading Edge Rt. Set 4 (discrete)	Reverser Eng 1 (1-T/R)	Reverser Eng 2 (1-T/R)	Reverser Eng 3 (1-T/R)	Reverser Eng 4 (1-T/R)
20:26:33	17955	0.2	-0.9	-29.0	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:26:34	18090	0.4	-1.0	-23.5	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	18090	0.2	-1.1	11.6	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:26:35	18225	0.1	-1.1	-19.9	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:26:36	18225	0.2	-1.1	-23.5	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	18360	0.2	-1.1	-22.1	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:26:37	18360	0.2	-0.9	-17.4	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:26:38	18360	0.2	-0.9	-16.6	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	18360	0.2	-0.7	-18.0	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:26:39	18360	0.3	-0.7	-20.5	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:26:40	18225	0.3	-0.7	-18.7	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	18225	0.0	-0.7	-3.7	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:26:41	17145	0.4	-0.9	-17.8	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:26:42	17955	0.2	-1.0	-17.4	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	17820	0.2	-1.1	11.0	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:26:43	17685	0.5	-1.0	-22.1	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:26:44	17415	0.3	-0.9	-21.7	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	17280	0.2	-0.8	-23.1	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:26:45	17010	0.3	-0.7	-17.8	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:26:46	15930	0.2	-0.8	-27.0	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	16740	0.5	-0.9	-19.1	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:26:47	16470	0.3	-0.9	-18.5	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:26:48	16335	0.3	-0.9	-15.6	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	16065	0.2	-0.9	-19.5	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:26:49	15795	0.1	-0.9	-8.5	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:26:50	15660	0.4	-0.9	11.0	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	14445	0.2	-0.8	-19.5	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:26:51	15120	0.1	-0.7	3.9	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:26:52	14985	0.0	-0.8	-27.0	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	14715	0.0	-0.9		0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:26:53	14580	0.0	-0.9	4.3	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:26:54	14445	0.0	-0.9	-27.0	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	14175	0.0	-0.9	-20.5	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:26:55	13095	0.0	-0.9	-19.1	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:26:56	13770	0.1	-0.9	-20.1	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	13635	0.1	-0.9	-27.6	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:26:57	13500	0.1	-0.9	-23.5	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
				-17.0	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:26:58	13365	0.0	-0.9	-28.6	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	13095	0.0	-0.9		0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW

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LOCAL TIME (ref.) CVR	ALTC (FEET)	Elevator Position Left (degrees)	Rudder Position (lower) (degrees)	Aileron Position R inbd (degrees)	Flap pos Trailing Inbd (degrees)	Flap pos Trailing OUTBD (degrees)	Leading Edge Lt. Set 1 (discrete)	Leading Edge Lt. Set 2 (discrete)	Leading Edge Lt. Set 3 (discrete)	Leading Edge Lt. Set 4 (discrete)	Leading Edge Rt. Set 1 (discrete)	Leading Edge Rt. Set 2 (discrete)	Leading Edge Rt. Set 3 (discrete)	Leading Edge Rt. Set 4 (discrete)	Reverser Eng 1 (1-T/R)	Reverser Eng 2 (1-T/R)	Reverser Eng 3 (1-T/R)	Reverser Eng 4 (1-T/R)
20:26:59	12960		0.0	-0.7	-19.9 -19.5	0.0 0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:27:00	12825		0.0	-0.8	-14.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:27:01	12825 12690		0.0 0.0	-0.7 -0.8	8.3 12.0	0.0 0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:27:02	12555		0.0	-0.9	12.6	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:27:03	12555 12420		0.0 -0.2 0.0	-0.9 -0.9	12.0 4.9	0.0 0.0 0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:27:04	12285		0.0	-0.9	-19.5	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:27:05	12285 12150		0.0 0.0	-0.9 -0.9	-17.4 -23.5	0.0 0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:27:06	12150 12015		-0.1	-0.9 -0.9	-20.1	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:27:07	12015		-0.2 0.0	-0.9	-19.5	0.0 0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:27:08	12015		0.0	-0.9	0.6	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:27:09	11880 11880		0.0 0.0	-0.9 -0.9	8.3 -19.1	0.0 0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:27:10	11745		0.0	-0.9	4.9	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:27:11	11745 11610		0.0 0.0	-0.9 -0.9	-5.3 9.7	0.0 0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:27:12	11475		0.1	-0.9	-3.7	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:27:13	11340 11205		0.1 0.0	-0.9 -0.9	12.0 -22.5	0.0 0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:27:14	11205		0.1	-0.9	12.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:27:15	11070 10935		0.2 0.2	37.8 -0.9	6.5 -28.4	0.0 0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:27:16	10800		0.2	-0.8	10.3	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:27:17	10665 10530		0.3 0.1	-0.9 -0.9	-23.5 -23.1	0.0 0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:27:18	10395		0.2	-0.9	-24.7	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:27:19	10260 10125		0.1 0.1	-0.8 -0.9	-28.4 -29.4	0.0 0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:27:20	10125		0.0	-0.9	-28.8	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:27:21	9990 9855		0.0 0.0	-0.9 -0.9	-19.1 -19.1	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:27:22	9720		0.0	-0.8	-19.5	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:27:23	9720 9720		0.0 0.0	-0.8 -0.8	-19.1 -19.5	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:27:24	9720		0.0	-0.9	11.6	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:27:25	9720 9720		0.0 0.0	-0.9 -0.9	-6.7 12.0	0.0 0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW

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LOCAL TIME (ref.) CVR	ALTC (FEET)	Elevator Position Left (degrees)	Rudder Position (lower) (degrees)	Aileron Position R inbd (degrees)	Flap pos Trailing Inbd (degrees)	Flap pos Trailing OUTBD (degrees)	Leading Edge Lt. Set 1 (discrete)	Leading Edge Lt. Set 2 (discrete)	Leading Edge Lt. Set 3 (discrete)	Leading Edge Lt. Set 4 (discrete)	Leading Edge Rt. Set 1 (discrete)	Leading Edge Rt. Set 2 (discrete)	Leading Edge Rt. Set 3 (discrete)	Leading Edge Rt. Set 4 (discrete)	Reverser Eng 1 (1-T/R)	Reverser Eng 2 (1-T/R)	Reverser Eng 3 (1-T/R)	Reverser Eng 4 (1-T/R)
20:27:26	9585	0.0	-0.9	3.9	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:27:27	9450 9315	0.0 0.3	-0.9 -0.9	12.6 8.3	0.0 0.0	0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:27:28	9045	0.1	-0.9	10.7	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:27:29	8100 8640	0.2 0.2	-0.8 -0.7	11.0 -28.0	0.0 0.0	0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:27:30	8370	0.2	-0.7	-29.4	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:27:31	8100 7965	0.1 0.3	-0.7 -0.7	-21.9 -29.8	0.0 0.0	0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:27:32	7695	0.1	-0.7	-29.0	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:27:33	7425 6615	0.0 0.2	-0.7 -0.8	-18.5 2.2	0.0 0.0	0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:27:34	7020	0.1	-0.8	2.6	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:27:35	6750 6480	0.1 0.2	-0.8 -0.7	8.3	0.0 0.0	0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:27:36	6345	0.0	-0.7	8.9	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:27:37	6210 6210	0.1 0.1	-0.9 -0.9	12.0	0.0 0.0	0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:27:38	5535	0.2	-0.9	12.0	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:27:39	5940 5805	0.0 0.0	-0.9 -0.9	-23.5	0.0 0.0	0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:27:40	5670	0.0	-0.9	-27.6 -26.6	0.0 0.0	0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:27:41	5535 5400	0.2 0.2	-0.9 -0.9	-24.1	0.0 0.0	0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:27:42	5400	0.2	-0.9	-26.6 3.9	0.0 0.0	0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:27:43	4860 4995	0.2 0.2	-0.9 -0.9	4.3	0.0 0.0	0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:27:44	4860	0.4	-0.9	12.0 11.6	0.0 0.0	0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:27:45	4725 4455	0.2 0.2	-0.9 -0.9	13.0	0.0 0.0	0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:27:46	4320	0.2	-0.9	8.3	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:27:47	4185 3645	0.1 0.2	-0.8 -0.9	-5.7	0.0 0.0	0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:27:48	3780	0.0	-0.8	11.0 11.6	0.0 0.0	0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:27:49	3510 3240	0.2 0.3	-0.8 -0.8	4.3	0.0 0.0	0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:27:50	3105	0.1	-0.9	0.0 -19.1	0.0 0.0	0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:27:51	2700	0.2	-0.8	-22.1	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW

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LOCAL TIME (ref.) CVR	ALTC (FEET)	Elevator Position Left (degrees)	Rudder Position (lower) (degrees)	Aileron Position R inbd (degrees)	Flap pos Trailing inbd (degrees)	Flap pos Trailing OUTBD (degrees)	Leading Edge Lt. Set 1 (discrete)	Leading Edge Lt. Set 2 (discrete)	Leading Edge Lt. Set 3 (discrete)	Leading Edge Lt. Set 4 (discrete)	Leading Edge Rt. Set 1 (discrete)	Leading Edge Rt. Set 2 (discrete)	Leading Edge Rt. Set 3 (discrete)	Leading Edge Rt. Set 4 (discrete)	Reverser Eng 1 (1-T/R)	Reverser Eng 2 (1-T/R)	Reverser Eng 3 (1-T/R)	Reverser Eng 4 (1-T/R)
20:27:52	2430 2295	0.3 0.2	-0.8 -0.8	-19.1 -23.1	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:27:53	1890	0.2	-0.8	-26.6	0.0 0.0 0.0	0.0 0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:27:54	1620 1350	0.2 0.2	-0.7 -0.7	-19.5	0.0 0.0 0.0	0.0 0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:27:55	1080	0.2	-0.8	-19.5	0.0 0.0 0.0	0.0 0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:27:56	810 540	0.1 0.0	-0.8 -0.8	-16.0 -18.9	0.0 0.0 0.0	0.0 0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:27:57	270	0.2	-0.9	-8.3	0.0 0.0 0.0	0.0 0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:27:58	0 -270	0.2 0.1	-0.9 -0.8	-19.5 11.6	0.0 0.0 0.0	0.0 0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:27:59	-540	0.0	-0.8	11.6	0.0 0.0 0.0	0.0 0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:28:00	-810 -945	0.0 0.2	-0.8 -0.8	10.5 -29.4	0.0 0.0 0.0	0.0 0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:28:01	-1215	0.0	-0.9	11.6	0.0 0.0 0.0	0.0 0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:28:02	-1485 -1620	0.1 0.0	-0.9 -0.9	-21.9 12.0	0.0 0.0 0.0	0.0 0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:28:03	-1890	0.0	-0.8	-30.0	0.0 0.0 0.0	0.0 0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:28:04	-2160 -2295	0.1 0.2	-0.8 -0.8	-20.1 -14.6	0.0 0.0 0.0	0.0 0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:28:05	-2565	0.2	-0.8	-27.6	0.0 0.0 0.0	0.0 0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:28:06	-2835 -2970	0.1 0.1	-0.8 -0.9	-27.6 12.6	0.0 0.0 0.0	0.0 0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:28:07	-3105	0.1	-0.9	12.6	0.0 0.0 0.0	0.0 0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:28:08	-3240 -3510	0.0 0.0	-0.9 -0.9	12.0 4.9	0.0 0.0 0.0	0.0 0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:28:09	-3780	0.3	-0.9	10.3	0.0 0.0 0.0	0.0 0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:28:10	-3915 -4185	0.4 0.1	-0.8 -0.7	-11.4 -26.6	0.0 0.0 0.0	0.0 0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:28:11	-4320	0.0	-0.8	-13.0	0.0 0.0 0.0	0.0 0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:28:12	-4455 -4725	0.2 0.2	-0.8 -0.8	-22.1 -22.5	0.0 0.0 0.0	0.0 0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:28:13	-4860	0.2	-0.9	-21.1	0.0 0.0 0.0	0.0 0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:28:14	-5130 -5265	0.1 0.0	-0.8 -0.8	-21.5 -20.9	0.0 0.0 0.0	0.0 0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:28:15	-5400	0.2	-0.8	-20.5	0.0 0.0 0.0	0.0 0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:28:16	-5535 -5670	0.2 0.3	-0.8 -0.8	11.4 -21.5	0.0 0.0 0.0	0.0 0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:28:17	-5805	0.5	-0.9	-19.1	0.0 0.0 0.0	0.0 0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:28:18	-5940	0.2	-0.8	-29.8	0.0 0.0 0.0	0.0 0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW

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LOCAL TIME (ref.) CVR	ALTC (FEET)	Elevator Position Left (degrees)	Rudder Position (lower) (degrees)	Aileron Position R inbd (degrees)	Flap pos Trailing Inbd (degrees)	Flap pos Trailing OUTBD (degrees)	Leading Edge Lt. Set 1 (discrete)	Leading Edge Lt. Set 2 (discrete)	Leading Edge Lt. Set 3 (discrete)	Leading Edge Lt. Set 4 (discrete)	Leading Edge Rt. Set 1 (discrete)	Leading Edge Rt. Set 2 (discrete)	Leading Edge Rt. Set 3 (discrete)	Leading Edge Rt. Set 4 (discrete)	Reverser Eng 1 (1-T/R)	Reverser Eng 2 (1-T/R)	Reverser Eng 3 (1-T/R)	Reverser Eng 4 (1-T/R)
	-6210	0.2	-0.8		0.0	0.0												
20:28:19	-6210	0.2	-0.8	13.0	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:28:20	-5940 -6480	0.4 0.2	-0.8 -0.8	-20.1	0.0 0.0	0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:28:21	-5940	0.2	-0.9	-24.1	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:28:22	-6615 -6750	0.1 0.3	-0.9 -0.8	-23.5 -21.1	0.0 0.0	0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:28:23	-6885	0.3	-0.9	-19.5	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
				-19.9	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:28:24	-7020 -6615	0.0 0.0	-0.8 -0.8	-21.9	0.0 0.0	0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:28:25	-7425	0.1	-0.8	-18.3 -30.0	0.0 0.0	0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:28:26	-6885 -7695	0.2 0.0	-0.7 -0.7	2.2 -29.0	0.0 0.0	0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:28:27	-7830	0.1	-0.7	-19.1	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:28:28	-7965 -8235	0.0 0.0	-0.7 -0.7	-19.1	0.0 0.0	0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:28:29	-8370	0.3	-0.7	-20.9 8.3	0.0 0.0	0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:28:30	-8505 -8100	0.0 0.0	-0.7 -0.7	6.5	0.0 0.0	0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:28:31	-8910	0.0 0.0	-0.7	-18.9 -21.1	0.0 0.0	0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:28:32	-9180 -9180	0.2 0.2	-0.7 -0.7	-24.7	0.0 0.0	0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:28:33	-9315	0.2	-0.8	-19.5 -28.4	0.0 0.0	0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:28:34	-9585	0.1	-0.8 38.2	-20.5	0.0 0.0	0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:28:35	-9720 -9180	0.2 0.0	-0.7	-23.1 -19.5	0.0 0.0	0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:28:36	-9990	-0.2	-0.7	1.6	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:28:37	-10125 -10125	0.0 0.0	-0.8 -0.7	12.6 9.9	0.0 0.0	0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:28:38	-10125	0.0	-0.8	12.0	0.0	0.0	Retrct	Ext	Ext	Ext	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:28:39	-10260 -10260	0.0 0.0	-0.8 -0.8	-7.9 -11.4	0.0 0.0	0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:28:40	-10260	0.0	-0.8	-23.5	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:28:41	-10260 -10395	0.0 0.0	-0.9 -0.9	-21.1 -19.9	0.0 0.0	0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:28:42	-10395	0.0	-0.8	-20.1	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:28:43	-10530 -10665	0.0 0.2	-0.8 -0.8	-20.9 -14.6	0.0 0.0	0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW

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LOCAL TIME (ref.) CVR	ALTC (FEET)	Elevator Position Left (degrees)	Rudder Position (lower) (degrees)	AILeron Position R Inbd (degrees)	Flap pos Trailing Inbd (degrees)	Flap pos Trailing OUTBD (degrees)	Leading Edge Lt. Set 1 (discrete)	Leading Edge Lt. Set 2 (discrete)	Leading Edge Lt. Set 3 (discrete)	Leading Edge Lt. Set 4 (discrete)	Leading Edge Rt. Set 1 (discrete)	Leading Edge Rt. Set 2 (discrete)	Leading Edge Rt. Set 3 (discrete)	Leading Edge Rt. Set 4 (discrete)	Reverser Eng 1 (1-T/R)	Reverser Eng 2 (1-T/R)	Reverser Eng 3 (1-T/R)	Reverser Eng 4 (1-T/R)
20:28:44	-10800	0.2	-0.8	-26.8	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:28:45	-11070	0.2	-0.8	3.7	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	-11205	0.1	-0.8	-19.1	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:28:46	-11475	0.6	-0.9	-10.3	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:28:47	-11745	0.4	-0.9	-20.1	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	-11880	0.3	-0.9	-20.5	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:28:48	-12150	0.4	-0.9	-21.1	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:28:49	-12285	0.5	-0.8	11.6	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	-12420	0.5	-0.9	-18.5	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:28:50	-12555	0.5	-0.9	-2.6	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:28:51	-12690	0.5	-0.9	-20.5	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	-12420	0.4	-0.9	-26.0	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:28:52	-12285	0.2	-0.9	12.4	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:28:53	-12555	0.5	-1.0	4.9	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	-13095	0.2	-0.9	6.9	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:28:54	-13230	0.5	-0.9	12.0	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:28:55	-13365	0.5	-0.8	-20.9	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	-13365	0.5	-0.8	-21.1	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:28:56	-13365	0.5	-0.8	-20.1	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:28:57	-12960	0.4	-0.8	-19.5	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	-12555	0.5	-0.8	-29.4	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:28:58	-13095	0.2	-0.9	-26.6	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:28:59	-12825	0.2	-0.8	-13.0	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	-12690	0.0	-0.7	11.6	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:29:00	-12420	0.0	-0.8	9.3	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:29:01	-12150	-0.2	-0.8	-21.5	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	-11880	-0.2	-0.8		0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:29:02	-11610	-0.2	-0.9	-21.1	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
				-19.5	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:29:03	-11340	-0.4	-0.8	-19.5	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	-11070	-0.4	-0.8		0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:29:04	-10125	-0.3	-0.7	-20.5	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
				-18.0	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:29:05	-10665	-0.2	-0.8	-18.5	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	-10395	-0.2	-0.7		0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:29:06	-10260	0.0	-0.8	-15.6	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
				-18.3	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:29:07	-9990	-0.1	-0.8	11.0	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	-9990	0.0	-0.9		0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:29:08	-9855	0.2	-0.8	-29.0	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
				-23.5	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:29:09	-9180	0.2	-0.8	-19.1	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	-9990	0.2	-0.8		0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:29:10	-10125	0.3	-0.8	-30.0	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW

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LOCAL TIME (ref.) CVR	ALTC (FEET)	Elevator Position Left (degrees)	Rudder Position (lower) (degrees)	Aileron Position R inbd (degrees)	Flap pos Trailing Inbd (degrees)	Flap pos Trailing OUTBD (degrees)	Leading Edge Lt. Set 1 (discrete)	Leading Edge Lt. Set 2 (discrete)	Leading Edge Lt. Set 3 (discrete)	Leading Edge Lt. Set 4 (discrete)	Leading Edge Rt. Set 1 (discrete)	Leading Edge Rt. Set 2 (discrete)	Leading Edge Rt. Set 3 (discrete)	Leading Edge Rt. Set 4 (discrete)	Reverser Eng 1 (1-T/R)	Reverser Eng 2 (1-T/R)	Reverser Eng 3 (1-T/R)	Reverser Eng 4 (1-T/R)
				-16.0	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:29:11	-10260	0.4	-0.8	-13.4	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:29:12	-10260 -10395	0.4 0.5	-0.7 -0.7	12.6 12.0	0.0 0.0	0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:29:13	-10530	0.5	-0.7	6.5	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:29:14	-9855 -10665	0.5 0.2	-0.7 -0.8	-19.5 11.0	0.0 0.0	0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:29:15	-10800	0.3	-0.8	-19.5	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:29:16	-10800 -10935	0.3 0.4	-0.8 -0.7	-20.5 -18.0	0.0 0.0	0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:29:17	-10800	0.3	-0.7	11.6	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:29:18	-10800 -9990	0.3 0.2	-0.8 -0.8	-21.9 -3.0	0.0 0.0	0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:29:19	-10665	0.3	-0.8	-21.1	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:29:20	-10530 -9855	0.4 0.2	-0.8 -0.9	-20.1 -18.5	0.0 0.0	0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:29:21	-9990	0.2	-0.9	7.5	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:29:22	-10125 -9855	0.0 0.0	-0.9 -0.9	-20.1 -20.1	0.0 0.0	0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:29:23	-9045	0.0	-0.8	-17.0	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:29:24	-9450 -9180	0.0 0.0	-0.9 -0.8	-19.5 -20.1	0.0 0.0	0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:29:25	-8910	-0.4	-0.8	9.9	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:29:26	-8505 -8505	-0.4 0.0	-0.7 -0.9	-21.5 11.4	0.0 0.0	0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:29:27	-8235	-0.2	-0.8	-26.6	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:29:28	-8100 -7830	-0.3 -0.3	-0.8 -0.8	-18.0 -19.5	0.0 0.0	0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:29:29	-7695	-0.2	-0.8	-3.7	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:29:30	-7425 -7155	-0.3 -0.4	-0.8 -0.9	11.6 11.0	0.0 0.0	0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:29:31	-7020	-0.3	-0.9	-18.3	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:29:32	-6750 -6750	-0.4 0.0	-0.9 -0.8	-19.1 -17.4	0.0 0.0	0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:29:33	-6615	0.2	-0.8	-13.4	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:29:34	-6615 -6480	-0.2 -0.1	-0.9 -0.9	-28.0 -22.5	0.0 0.0	0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:29:35	-6480	-0.3	-0.9	-20.5	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:29:36	-6345 -6345	0.4 0.0	-0.9 -0.8	-19.1 3.9	0.0 0.0	0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW

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LOCAL TIME (ref.) CVR	ALTC (FEET)	Elevator Position Left (degrees)	Rudder Position (lower) (degrees)	Aileron Position R inbd (degrees)	Flap pos Trailing Inbd (degrees)	Flap pos Trailing OUTBD (degrees)	Leading Edge Lt. Set 1 (discrete)	Leading Edge Lt. Set 2 (discrete)	Leading Edge Lt. Set 3 (discrete)	Leading Edge Lt. Set 4 (discrete)	Leading Edge Rt. Set 1 (discrete)	Leading Edge Rt. Set 2 (discrete)	Leading Edge Rt. Set 3 (discrete)	Leading Edge Rt. Set 4 (discrete)	Reverser Eng 1 (1-T/R)	Reverser Eng 2 (1-T/R)	Reverser Eng 3 (1-T/R)	Reverser Eng 4 (1-T/R)
20:29:37	-6345	0.2	-0.9	0.6	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:29:38	-6480 -6615	0.0 0.3	-0.9 -0.8	4.7 9.3	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:29:39	-6615	0.0	-0.8	11.6	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:29:40	-6615 -6615	0.0 0.2	-0.8 -0.8	8.1 -20.9	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:29:41	-6615	0.2	-0.8	5.7	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:29:42	-6615	0.2	-0.7	-19.9	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
	-6615	0.0	-0.8	-27.4	0.0	0.0												
20:29:43	-6615	0.0	-0.8	-19.1	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:29:44	-6480 -6345	0.0 0.1	-0.8 -0.8	11.6	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:29:45	-6345	0.2	-0.8	13.0	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:29:46	-6210 -6210	0.3 0.3	-0.9 -0.9	-20.5	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:29:47	-6345	0.3	-0.9	-22.5	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:29:48	-6345 -6480	0.0 0.0	-0.9 -0.9	-29.4 -30.0	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:29:49	-6480	0.0	-0.8	-27.0 10.3	0.0 0.0	0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:29:50	-6615 -6750	0.0 0.0	-0.8 -0.7	-20.1	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:29:51	-7020	0.1	-0.7	0.0 1.6	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:29:52	-7155 -7425	0.0 0.3	-0.9 -0.9	-19.1	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:29:53	-7695	0.3	-0.8	-24.9 -28.8	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:29:54	-7965 -8235	0.3 0.3	-0.8 -0.8	-20.5	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:29:55	-8640	0.3 0.3	-0.9	10.3 11.6	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:29:56	-8910 -8505	0.4 0.4	-0.9 -0.9	10.3	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:29:57	-9585	0.4	-0.9	-19.5 -20.5	0.0 0.0	0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:29:58	-9855 -10125	0.3 0.3	-0.8 -0.8	-19.5	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:29:59	-10260	0.3	-0.8	-18.5 -1.0	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:30:00	-10530	0.3	-0.8 -0.8	11.0	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:30:01	-10530 -9855	0.4 0.3	-0.9	10.3 -25.1	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:30:02	-10665	0.2	-0.9 -0.9	-20.5	0.0 0.0	0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW

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LOCAL TIME (ref.) CVR	ALTC (FEET)	Elevator Position Left (degrees)	Rudder Position (lower) (degrees)	Aileron Position R Inbd (degrees)	Flap pos Trailing Inbd (degrees)	Flap pos Trailing OUTBD (degrees)	Leading Edge Lt. Set 1 (discrete)	Leading Edge Lt. Set 2 (discrete)	Leading Edge Lt. Set 3 (discrete)	Leading Edge Lt. Set 4 (discrete)	Leading Edge Rt. Set 1 (discrete)	Leading Edge Rt. Set 2 (discrete)	Leading Edge Rt. Set 3 (discrete)	Leading Edge Rt. Set 4 (discrete)	Reverser Eng 1 (1-T/R)	Reverser Eng 2 (1-T/R)	Reverser Eng 3 (1-T/R)	Reverser Eng 4 (1-T/R)
20:30:03	-10800 -10800	0.1 0.0	-0.8	-23.1 -21.1	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:30:04	-10800	0.0	-0.7	-19.1	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:30:05	-10665 -10665	0.0 -0.3	-0.8 -0.7	1.6 12.0	0.0 0.0 0.0	0.0 0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:30:06	-9720	-0.2	-0.8	-29.4	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:30:07	-10395 -10395	0.0 0.0	-0.8 -0.9	-21.1 -19.5	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:30:08	-10260	-0.1	-0.9	-21.1	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:30:09	-10260 -10260	-0.2 -0.2	-0.9 -0.9	9.3 -19.9	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:30:10	-10125	-0.2	-0.8	-30.4	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:30:11	-9315 -10125	0.0 0.0	-0.8 -0.8	-26.6 -13.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	Retrct Retrct	Retrct Retrct	Trans Trans	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:30:12	-9990	-0.1	-0.8	13.0	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:30:13	-9990 -9990	0.0 0.0	-0.9 -0.8	12.0 -10.7	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:30:14	-9990	0.0	-0.9	-26.6	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:30:15	-9990 -9315	0.0 0.0	-0.8 -0.8	-22.5 -28.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:30:16	-9990	0.0	-0.8	-18.3	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:30:17	-9990 -9990	0.0 0.0	-0.8 -0.8	-14.4 0.6	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:30:18	-9990	0.0	-0.9	-19.1	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:30:19	-10125 -10125	0.0 0.0	-0.9 -0.8	-26.0 -18.9	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:30:20	-10260	-0.2	-0.9	6.5	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:30:21	-10260 -10395	-0.3 0.0	-0.8 -0.9	11.6 12.0	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:30:22	-10530	0.0	-0.9	-27.0	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:30:23	-10665 -10800	-0.1 0.0	-0.9 -0.9	-24.7 -18.3	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:30:24	-11070	0.0	-0.8	9.9	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:30:25	-11205 -11340	0.0 0.0	-0.8 -0.7	-20.1 -19.9	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:30:26	-11475	0.2	-0.8	1.0	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:30:27	-11610 -11745	-0.2 -0.2	-0.9 -0.9	10.3	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:30:28	-12015	0.0	-0.8	-9.3	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:30:29	-12150 -12285	0.0 0.2	-0.9 -0.8	-24.9	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW

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LOCAL TIME (ref.) CVR	ALTC (FEET)	Elevator Position Left (degrees)	Rudder Position (lower) (degrees)	AILeron Position R inbd (degrees)	Flap pos Trailing Inbd (degrees)	Flap pos Trailing OUTBD (degrees)	Leading Edge Lt. Set 1 (discrete)	Leading Edge Lt. Set 2 (discrete)	Leading Edge Lt. Set 3 (discrete)	Leading Edge Lt. Set 4 (discrete)	Leading Edge Rt. Set 1 (discrete)	Leading Edge Rt. Set 2 (discrete)	Leading Edge Rt. Set 3 (discrete)	Leading Edge Rt. Set 4 (discrete)	Reverser Eng 1 (1-T/R)	Reverser Eng 2 (1-T/R)	Reverser Eng 3 (1-T/R)	Reverser Eng 4 (1-T/R)
20:30:30	-12420	0.0	-0.8	-17.4	0.0	0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:30:31	-12555 -12825	-0.1 -0.2	-0.8 -0.8	-29.4 -23.5	0.0 0.0	0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:30:32	-12825	0.0	-0.9	-19.1 -17.8	0.0 0.0	0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:30:33	-13095 -13230	0.0 0.0	-0.8 -0.9	-23.1	0.0 0.0	0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:30:34	-13500	0.0	-0.8	-22.9 -18.5	0.0 0.0	0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:30:35	-13635 -13905	0.0 0.0	-0.8 -0.9	9.7	0.0 0.0	0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:30:36	-14040	0.2	-0.9	-7.9 11.6	0.0 0.0	0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:30:37	-14175 -14445	0.0 0.0	-0.9 -0.9	2.2	0.0 0.0	0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:30:38	-14715	0.3 0.3	-0.9	-22.1 -21.9	0.0 0.0	0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:30:39	-14985	0.3	-0.8	-19.5	0.0 0.0	0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:30:40	-15120 -15390	0.3 0.2	-0.8 -0.9	-2.6 13.0	0.0 0.0	0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:30:41	-15390	0.1	-0.9	-19.5	0.0 0.0	0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:30:42	-15660 -15660	0.3 0.3	-0.9 -0.8	-20.5	0.0 0.0	0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:30:43	-15795	0.2	-0.9	-8.1	0.0 0.0	0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:30:44	-15795 -14985	0.2 0.3	-0.9	-18.5 -26.4	0.0 0.0	0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:30:45	-15930	0.2	-0.9	-27.8	0.0 0.0	0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:30:46	-15930 -15930	0.3 0.0	-0.9	-21.5 -17.4	0.0 0.0	0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:30:47	-15930	0.0	-0.8	-14.4	0.0 0.0	0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:30:48	-15930 -15795	0.0 -0.1	-0.8 -0.9	-15.2 -17.8	0.0 0.0	0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:30:49	-14985	0.0	-0.8	13.6	0.0 0.0	0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:30:50	-15795 -15795	-0.2 0.2	-0.8 -0.9	5.9 -4.3	0.0 0.0	0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:30:51	-15795	-0.1	-0.9	11.4	0.0 0.0	0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:30:52	-15795 -15795	0.0 0.0	-0.9 -0.8	-23.1 -19.5	0.0 0.0	0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:30:53	-15930	0.0	-0.8	-18.0	0.0 0.0	0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:30:54	-15120 -16200	0.1 0.2	-0.8 -0.9	-20.5 -17.0	0.0 0.0	0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:30:55	-16470	0.2	-0.8	12.0	0.0 0.0	0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW

TWA Flt. 800, B747-131, Takeoff to End of Data
 Tabular Data No. 2, Date Printed: January 10, 1997, National Transportation Safety Board

LOCAL TIME (ref.) CVR	ALTC (FEET)	Elevator Position Left (degrees)	Rudder Position (lower) (degrees)	Aileron Position R inbd (degrees)	Flap pos Trailing Inbd (degrees)	Flap pos Trailing OUTBD (degrees)	Leading Edge Lt. Set 1 (discrete)	Leading Edge Lt. Set 2 (discrete)	Leading Edge Lt. Set 3 (discrete)	Leading Edge Lt. Set 4 (discrete)	Leading Edge Rt. Set 1 (discrete)	Leading Edge Rt. Set 2 (discrete)	Leading Edge Rt. Set 3 (discrete)	Leading Edge Rt. Set 4 (discrete)	Reverser Eng 1 (1-T/R)	Reverser Eng 2 (1-T/R)	Reverser Eng 3 (1-T/R)	Reverser Eng 4 (1-T/R)
20:30:56	-16605 -16740	0.3 0.5	-0.8 -0.7	5.9 -19.5	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	Retrct Retrct	STOW STOW	STOW STOW	STOW STOW	STOW STOW
20:30:57	-17010	0.4	-0.7	-10.3	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:30:58	-17145 -16605	0.5 0.4	-0.7 -0.7	-19.5 -18.5	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:30:59	-17550	0.3	-0.7	-23.7	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:31:00	-17685 -17820	0.4 0.4	-0.8 -0.9	-17.2 -19.9	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:31:01	-18090	0.3	-0.8	-23.1	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:31:02	-18225 -18360	0.3 0.2	-0.8 -0.7	-19.5 -19.5	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:31:03	-17550	0.4	-0.7	-3.7	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:31:04	-18495 -18630	0.2 0.2	-0.8 -0.8	4.9 11.0	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:31:05	-18765	0.0	-0.8	13.0	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:31:06	-18765 -18900	0.0 0.2	-0.8 -0.8	-19.1 -18.5	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:31:07	-18900	0.4	-0.8	-18.0	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:31:08	-19035 -19035	0.4 0.4	-0.8 -0.8	7.5 -18.5	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:31:09	-19035	0.2	-0.9	-5.3	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:31:10	-19170 -19170	0.2 0.4	-0.8 -0.8	0.0	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:31:11	-19170	0.2	-0.8	-17.8	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW
20:31:12				-24.1	0.0 0.0 0.0	0.0 0.0 0.0	Retrct	Retrct	Trans	Retrct	Retrct	Retrct	Retrct	Retrct	STOW	STOW	STOW	STOW

TWA Flt. 800

B747-131, Landing At JFK
TABJFK1; Created: January 31, 1997

National Transportation Safety Board

FDR Lapse Time (sec.)	SL ALT. (FEET)	IAS (KNOTS)	Pitch Angle (degrees)	Elevator Position Right (degrees)	Mag. Heading (degrees)	Roll Angle (degrees)	Rudder Position (upper) (degrees)	Angle of Attack (degrees)	EPR Engine 1 (ratio)	EPR Engine 2 (ratio)	EPR Engine 3 (ratio)	EPR Engine 4 (ratio)	Long. Accel. (g)	Vert. Accel. (g)	VHF	Pitch Trim Stab Pos (degrees)
0.0	612.00 632.00	140	1.4 1.8	-0.3 0.0	308 306	-1 -1	-0.18 0.00 0.09 0.18	7 7 7	1.02	1.04	1.04	1.07	0.05 0.05 0.05 0.05 0.05	0.98 0.98 0.99 0.99 1.00	Off	6 6
1.0	622.00	141 140	1.8	0.0	306	-1	0.18 0.27	7 7 7	1.02 1.02	1.04 1.04	1.04 1.04	1.07 1.07	0.05 0.05 0.06 0.06	1.01 1.01 1.01 1.02	Off Off	6
2.0	617.00 607.00	141	2.2 2.5	0.1 0.0	306 306	-2 -2	0.27 0.36 0.54	7 7 7	1.02	1.04	1.03	1.07	0.06 0.06 0.06 0.06	1.03 1.03 1.04 1.04	Off	6 6 6
3.0	602.00	141 142	2.9	0.0	305	-2	0.54 0.45 0.36	7 7	1.02 1.03	1.04 1.04	1.04 1.04	1.07 1.08	0.06 0.07 0.07	1.05 1.05 1.05	Off Off	6
4.0	592.00 587.00	142	2.9 2.9	-1.5 -1.7	305 305	-3 -2	0.54 0.63 0.90	7 7 7	1.04	1.05	1.05	1.08	0.07 0.07 0.07 0.06	1.06 1.06 1.06 1.04	Off	6 6
5.0	577.00	134 141	2.9	-1.6	305	-3	0.99 0.99 0.99	7 7 6	1.04 1.04	1.05 1.05	1.05 1.05	1.09 1.09	0.07 0.06 0.06 0.06	1.02 1.00 0.99 0.99	Off Off	6
6.0	572.00 567.00	141	2.5 2.2	-1.0 -0.4	305 305	-2 -2	0.99 1.08 1.08	7 7 7	1.04	1.05	1.05	1.09	0.06 0.06 0.06 0.06	0.98 0.97 0.98 0.98	Off	6 6
7.0	557.00	141 141	2.5	-0.5	305	-1	1.08 1.08 0.99	7 7 7	1.04 1.04	1.05 1.05	1.05 1.05	1.09 1.09	0.06 0.06 0.06 0.06	0.98 0.98 0.99 1.01	Off Off	6
8.0	552.00 547.00	142	2.5 2.2	-1.5 -2.1	305 305	-1 -1	0.72 0.54 0.72	7 7 7	1.04	1.05	1.05	1.09	0.07 0.06 0.06	1.02 1.02 1.03	Off	6
9.0	537.00	142 134	2.2	-2.2	305	-1	0.72 0.72 0.72	7 7 6	1.04 1.04	1.05 1.05	1.05 1.05	1.09 1.09	0.06 0.06 0.06 0.06	1.02 1.01 1.00 0.99	Off Off	6 6
10.0	527.00 522.00	142	1.8 1.4	-2.1 -1.7	305 305	-1 0	0.90 0.90 0.99	6 6 6	1.04	1.05	1.05	1.09	0.06 0.05 0.05	0.98 0.98 0.98	Off	6
11.0	517.00	142 142	1.1	-1.3	305	0	0.99 1.08 1.08	6 6 6	1.04 1.04	1.05 1.05	1.09 1.05	1.09 1.08	0.05 0.05 0.05 0.05	0.97 0.97 0.97 0.98	Off Off	6 6
12.0	507.00	142	1.1	36.9	305	0	0.90	6	1.04	1.05	1.05	1.09	0.05 0.05	0.98 0.98	Off	6
13.0	487.00	142 142	1.1	-0.3	305	0	0.72 0.81 0.90	6 6 6	1.04 1.04	1.05 1.05	1.05 1.05	1.09 1.08	0.05 0.05 0.05 0.06	0.98 0.98 0.98 0.99	Off Off	6 6
14.0	477.00 467.00	136	1.4 1.4	-0.4	305 305	0 1	1.08 1.08 0.99	7 7 7	1.04	1.05	1.05	1.08	0.06 0.06 0.06	1.00 1.03 1.03	Off	6
15.0	457.00	143 144	1.8	-0.5 -0.4	305	1	0.99 0.90 0.90	7 7 7	1.04 1.04	1.05 1.05	1.05 1.05	1.08 1.08	0.06 0.06 0.06	1.03 1.03 1.04	Off Off	6 6
16.0	442.00 437.00	143	2.2 2.2	-0.3	305 305	1 1	0.72 0.54 0.54	7 7 6	1.04	1.05	1.05	1.08	0.06 0.06 0.06	1.02 1.03 1.04	Off	6
17.0	432.00	144 142	2.2	-0.7 -1.3	305	0	0.36 0.27 0.18	6 7 7	1.04 1.04	1.05 1.05	1.05 1.05	1.08 1.08	0.06 0.06 0.06	1.03 1.03 1.02	Off Off	6 6
18.0	422.00 412.00	142	2.2	-1.3	305 305	0	0.27 0.36 0.45	7 8 7	1.04	1.05	1.04	1.08	0.06 0.06 0.07	1.01 1.00 1.02 1.03	Off	6
19.0	402.00	134 141	2.2 2.2	-1.6 -2.1	305	0 1	0.45 0.54 0.54	7 7 7	1.04 1.04	1.05 1.05	1.05 1.05	1.08 1.08	0.07 0.07 0.06	1.04 1.07 1.05	Off Off	6 6
20.0	392.00 387.00	142	1.4	-2.1	306	1	0.54 0.54 0.54	7 7 6	1.04	1.05	1.05	1.08	0.06 0.06 0.06	1.03 1.01 1.00	Off	6
21.0	377.00	142 144	1.1 0.7	-1.5 -0.4	306 306	1 1	0.54 0.54 0.54	6 6 6	1.04 1.04	1.05 1.04	1.04 1.04	1.08 1.08	0.05 0.05 0.05	0.97 0.98 0.98	Off Off	6 6
22.0	367.00	144	0.7	0.0	306	0	0.54 0.54 0.54	6 6 7	1.03	1.04	1.04	1.08	0.05 0.05 0.05	0.98 0.98 1.00	Off	6
23.0	357.00 352.00	144 136	1.4 1.4	0.0 -1.3	306 306	0 0	0.54 0.72 0.81	7 7 7	1.03 1.03	1.04 1.04	1.04 1.04	1.08 1.08	0.06 0.06 0.06	1.04 1.05 1.05	Off Off	6 7
24.0	342.00	144	1.8	-1.0	306	-1	0.72 0.63 0.90	6 6	1.03	1.04	1.04	1.08	0.06 0.06 0.06	1.03 1.03 1.03	Off	6

TWA Flt. 800, B747-131, Landing At JFK
 TABJFK1, Created: January 31, 1997, National Transportation Safety Board

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FOR Lapse Time (sec.)	HSL ATE (FEET)	TAS (KNOTS)	Pitch Angle (degrees)	Elevator Position Right (degrees)	Mag. Heading (degrees)	Roll Angle (degrees)	Rudder Position (upper) (degrees)	Angle of Attack (degrees)	EPR Engine 1 (ratio)	EPR Engine 2 (ratio)	EPR Engine 3 (ratio)	EPR Engine 4 (ratio)	Long Accel (g)	Vert. Accel. (g)	VHF	Pitch Trim Stab Pos (degrees)
25.0	332.00 327.00	144 144	1.8 1.8	-1.0 -1.4	306 306	0 0	0.99 1.26 1.26	6 6 6	1.03 1.03	1.04 1.04	1.04 1.04	1.08 1.08	0.05 0.05 0.05 0.05 0.05	1.03 1.03 1.02 1.01 1.01	Off Off	7 7
26.0	317.00	144	1.8	-1.3	306	0	1.26 1.35	6 6	1.03	1.04	1.04	1.08	0.05 0.05	1.00 1.00	Off	7
27.0	307.00 302.00	144 144	1.4 1.4	-1.5 -0.5	306 306	0 0	1.17 1.08 0.81 0.81	6 6 6 6	1.03 1.03	1.04 1.04	1.04 1.03	1.08 1.08	0.05 0.05 0.05 0.05 0.04	1.00 0.98 0.98 0.99 0.98	Off Off	7 6
28.0	292.00	142	1.4	0.0	306	0	0.63 0.36	6 6	1.03	1.04	1.03	1.08	0.05 0.05	0.98 0.98	Off	7
29.0	282.00 272.00	142 142	1.8 2.5	0.0 -0.3	306 306	-1 -2	0.00 0.00 0.00 0.00	7 7 7 8	1.03 1.03	1.04 1.04	1.03 1.03	1.08 1.08	0.05 0.05 0.06 0.06	1.03 1.04 1.05 1.07 1.08	Off Off	7 7
30.0	262.00	142	2.9	-1.3	306	-2	0.18 0.18	8 8	1.03	1.04	1.03	1.07	0.07 0.08 0.08	1.11 1.12 1.12	Off	7
31.0	252.00 247.00	146 144	3.2 2.9	-2.5 -3.1	306 306	-3 -2	0.09 0.27 0.72 0.54	9 8 6 6	1.03 1.03	1.04 1.04	1.03 1.03	1.07 1.07	0.07 0.08 0.07 0.07 0.06	1.11 1.11 1.13 1.13	Off Off	7 7
32.0	247.00	144	2.2	-3.3	306	-1	1.17 1.53	6 6	1.03	1.04	1.03	1.07	0.05 0.04 0.04	1.08 1.01 0.98 0.94	Off	7
33.0	242.00 222.00	144 143	1.4 1.8	-0.4 -0.2	306 309	0 0	2.07 2.07 2.07	5 6 6	1.03 1.03	1.04 1.04	1.03 1.03	1.07 1.07	0.04 0.04 0.04	0.93 0.95 0.96	Off Off	7 7
34.0	222.00	142	1.8	-0.2	306	0	2.07 1.44 0.72	6 6 6	1.03	1.04	1.03	1.07	0.04 0.04 0.05 0.05	0.97 0.98 0.98 0.99	Off	7
35.0	222.00 212.00	142 143	2.2 2.5	-0.2 -2.2	306 306	-1 -1	0.00 0.00	7 6	1.03 1.03	1.04 1.04	1.03 1.03	1.06 1.07	0.05 0.05	1.00 1.03	Off	7 7
36.0	202.00	144	2.5	-2.4	306	-1	0.18 0.36 0.27 0.18	8 6 6 6	1.03	1.04	1.03	1.07	0.06 0.06 0.05 0.05 0.04	1.05 1.04 1.05 1.03 0.97	Off Off	7
37.0	197.00 192.00	142	2.2 1.8	-1.6 -0.5	306 306	-1 0	0.54 0.90 1.08 1.08	7 6 5	1.03 1.03	1.03 1.04	1.03 1.03	1.07	0.04 0.05 0.04 0.04	0.98 0.99 0.99 0.98	Off	7 7
38.0	172.00 142	142	1.8	-1.1	309	-1	0.90 0.54	7 8	1.03	1.03	1.03	1.07	0.04 0.05 0.05 0.05	0.97 0.98 0.99 1.02	Off Off	7
39.0	172.00 162.00	144	1.8 1.8	-0.5 0.0	306 306	-1 -1	0.36 0.54 0.54 0.72	6 6 7 7	1.03 1.02	1.03 1.03	1.03 1.03	1.07	0.06 0.05 0.05 0.05	1.03 1.02 1.03 1.02	Off	7 7
40.0	162.00	142 142	2.2	-1.5	306	-1	0.81 0.72	6 6	1.02	1.03	1.03 1.02	1.07 1.07	0.05 0.05	1.03 1.04 1.02	Off Off	7
41.0	152.00 142.00	142	2.2 2.2	-1.5 -0.2	306 306	-1 0	1.26 1.53 1.71 1.71	6 6 6 6	1.02	1.03	1.02	1.07	0.04 0.04 0.04 0.04 0.05	0.99 0.99 0.98 0.98 0.99	Off	7 7
42.0	137.00 140	142 140	2.2	-0.3	305	0	1.08 0.72	7 7	1.02 1.02	1.03 1.03	1.02 1.02	1.07 1.07	0.04 0.05	1.01 1.02	Off Off	7
43.0	122.00 117.00	140	2.5 2.5	0.0 -0.8	308 305	0 -1	0.63 0.72 0.54 0.18	8 7 7 7	1.02	1.03	1.02	1.07	0.05 0.05 0.06 0.06 0.06	1.01 1.01 1.02 1.06 1.06	Off	7 7
44.0	107.00	142 140	2.5	-0.4	305	-1	0.00 0.09	7 7	1.02 1.02	1.03 1.03	1.02 1.02	1.07 1.07	0.05 0.05	1.02 1.01	Off	7
45.0	102.00 92.00	142	2.5 2.9	0.9 1.1	305 305	-1 -1	0.45 0.54 0.63	7 7 7	1.02	1.03	1.02	1.07	0.05 0.06 0.06 0.06 0.06	1.02 1.02 1.04 1.04 1.05 1.05	Off	7 7
46.0	87.00	140 140	2.9	0.0	305	-1	0.72 0.54 0.72	7 7 7	1.02 1.02	1.03 1.03	1.02 1.02	1.07 1.07	0.06 0.06 0.06	1.04 1.04 1.03	Off Off	7
47.0	77.00 72.00	140	2.9 2.9	0.0 0.6	305 308	0 -1	1.26 1.08 0.45	8 7 7	1.02	1.03	1.02	1.07	0.06 0.07 0.06 0.06	1.04 1.02 1.02 1.02	Off	7 7
48.0	62.00	138 142	2.9	2.5	305	-1	0.54 1.17 1.53	7 7 8	1.02 1.02	1.03 1.03	1.02 1.02	1.07 1.07	0.05 0.06 0.06 0.06	1.03 1.01 1.03 1.03	Off Off	7
49.0	57.00 52.00	140	3.2 3.6	2.7 4.1	305 306	0 1	1.62 1.53	7 7	1.02	1.03	1.03	1.07	0.06 0.07	1.01 1.01	Off	7 7

FDR Lapse Time (sec.)	MSL Alt. (FEET)	IAS (KNOTS)	Pitch Angle (degrees)	Elevator Position Right (degrees)	Mag. Heading (degrees)	Roll Angle (degrees)	Rudder Position (upper) (degrees)	Angle of Attack (degrees)	EPR Engine 1 (ratio)	EPR Engine 2 (ratio)	EPR Engine 3 (ratio)	EPR Engine 4 (ratio)	Long. Accel. (g)	Vert. Accel. (g)	VHF	Pitch Trim Stab Pos (degrees)
50.0	47.00	139 138	3.6	2.0	306	1	2.52	7	1.02	1.03	1.03	1.07	0.06	1.04	Off	7
							2.61	7					0.06	1.04		
							4.32	7					0.07	1.05		
							7.92	7					0.06	1.06		
51.0	42.00	134	4.0	6.3	307	1	9.27	7	1.02	1.03	1.03	1.07	0.06	1.00	Off	7
							6.75	8					0.07	1.01		
52.0	37.00	136 134	5.0	4.6	311	0	-0.63	8	1.02	1.03	1.03	1.07	0.08	1.02	Off	7
							-1.53	7					0.09	1.11		
							0.18	8					0.09	1.08		
							0.99	6					0.09	1.09		
53.0	37.00 32.00	134	5.0 5.0	7.1 6.5	309 309	-1 -1	0.90	7	1.00	1.01	1.01	1.04	0.08	1.03	Off	7
							0.72	6					0.08	1.02		
54.0	27.00	132 133	5.4	3.6	309	-1	0.90	7	1.00	1.01	1.01	1.03	0.07	1.03	Off	7
							1.35	7					0.06	1.05		
							1.35	7					0.06	1.03		
													0.06	1.02		
55.0	27.00 22.00	132	5.4 5.0	6.9 4.9	309 308	-1 -1	1.17	7	1.00	1.01	1.01	1.03	0.06	1.04	Off	7
							1.17	8					0.06	1.02		
56.0	22.00	132 130	4.7	5.0	307	-1	1.26	7	1.00	1.01	1.01	1.03	0.05	1.04	Off	7
							1.17	7					0.06	1.05		
							0.81	7					0.04	1.03		
							0.54	7					0.04	1.03		
57.0	22.00 27.00	124	4.3 4.3	5.6	307 307	0 1	4.41	7	1.01	1.01	1.01	1.03	0.05	1.06	Off	7
							5.49	6					0.04	1.00		
58.0	22.00	128 129	4.3	5.3 5.1	307	3	5.40	6	1.01	1.01	1.01	1.02	0.00	1.01	Off	7
							6.21	6					0.01	0.99		
							7.65	6					0.01	0.99		
								5					0.02	1.02		
59.0	27.00 27.00	124	4.3 4.7	0.4	308 309	3 4	7.83	5	1.00	1.01	1.01	1.02	0.00	1.13	Off	7
							7.20	6					0.00	1.07		
60.0	27.00	124	4.3	-0.8	310	4	2.70	6	1.01	1.01	1.01	1.05	0.02	1.05	Off	7
							2.88	7					0.01	1.00		
							3.60	6					-0.01	0.96		
							6.93	7					-0.01	0.97		
61.0	22.00 22.00	124	4.3	4.3	310 310	2	6.93	6	1.01	1.03	1.01	1.06	-0.01	0.98	Off	7
							11.07	5					0.00	1.01		
							11.97	5					-0.02	1.08		
													-0.01	1.09		
62.0	22.00	118 120	5.0 5.0	2.3 4.4	311	0 -1	10.80	6	1.02	1.03	1.01	1.07	-0.03	1.04	Off	7
							6.66	7					-0.07	1.01		
63.0	22.00 22.00	120	5.0	6.8	311	-1	12.69	5	1.15	1.04	1.01	1.17	-0.06	1.00	Off	7
							14.94	7					-0.06	1.03		
							12.60	5					-0.06	1.00		
													-0.07	0.99		
64.0	22.00	110 112	5.0 5.4	7.4 3.2	311 313	-2 -2	13.05	5	1.19	1.04	1.01	1.22	-0.07	1.01	Off	7
							7.38	5					-0.05	1.06		
65.0	17.00	110	5.0	9.2	312	-1	3.60	6	1.23	1.04	1.01	1.25	-0.07	1.08	Off	7
							11.07	5					-0.07	1.05		
							11.97	5					-0.06	1.05		
													-0.04	0.99		
66.0	17.00 17.00	106 105	4.7 5.0	11.1 11.4	312 311	0 1	2.52	6	1.24	1.05	1.01	1.25	-0.04	1.02	Off	7
							5.04	5					-0.04	1.07		
67.0	22.00	110	5.4	9.7	311	1	6.12	6	1.26	1.07	1.01	1.27	-0.03	1.02	Off	7
							17.01	6					-0.03	1.03		
							16.56	6					-0.03	0.98		
													-0.04	1.04		
68.0	17.00 17.00	104 100	5.8 5.8	8.9 7.3	310 310	0 0	14.67	7	1.25	1.09	1.01	1.27	-0.01	1.06	Off	7
							14.31	5					-0.03	0.96		
69.0	17.00	101	5.0	10.7	310	1	14.22	6	1.23	1.11	1.01	1.25	-0.02	1.01	Off	7
							17.10	6					-0.02	1.02		
							18.45	6					-0.01	1.06		
													-0.02	0.98		
70.0	22.00 17.00	101 102	4.3 4.0	11.4 11.3	310 310	1 1	16.02	6	1.22	1.12	1.01	1.23	-0.02	1.00	Off	7
							16.74	5					-0.02	1.04		
							16.83	5					-0.02	1.01		
							17.64	5					-0.04	1.01		
71.0	17.00	93	3.2	11.6	311	1	25.29	3	1.21	1.12	1.01	1.24	-0.04	0.96	Off	7
							25.83	3					-0.04	1.01		
72.0	22.00 22.00	90 96	2.9 1.8	8.6 7.1	311 311	0 0	25.38	3	1.21	1.13	1.01	1.24	-0.03	1.03	Off	7
							25.38	4					-0.05	1.02		
							25.29	4					-0.04	0.97		
													-0.05	0.98		
73.0	22.00	92	0.4	8.7	311	0	26.01	4	1.21	1.13	1.01	1.23	-0.05	0.98	Off	7
							26.46	3					-0.06	1.03		
74.0	17.00 22.00	92 88	-0.7 -0.7	5.8 -0.2	312 312	-1 -1	26.82	3	1.21	1.13	1.01	1.19	-0.06	1.02	Off	7
							21.33	2					-0.08	1.03		
							20.43	2					-0.10	1.00		
													-0.09	1.01		

PDR Lapse Time (sec.)	MSL ALT. (FEET)	IAS (KNOTS)	Pitch Angle (degrees)	Elevator Position Right (degrees)	Mag. Heading (degrees)	Roll Angle (degrees)	Rudder Position (upper) (degrees)	Angle of Attack (degrees)	EPR Engine 1 (ratio)	EPR Engine 2 (ratio)	EPR Engine 3 (ratio)	EPR Engine 4 (ratio)	Long. Accel (g)	Vert. Accel. (g)	VHF	Pitch Trim Pos (degrees)	Stab Pos (degrees)
75.0	22.00	90	-0.7	-4.8	312	-1	19.71 14.04 1.08 1.17	1 1 0 2	1.13	1.13	1.01	1.16	-0.13 -0.14 -0.16 -0.14 -0.16 -0.13 -0.14 -0.14	1.04 1.01 0.99 1.00 1.03 0.98 1.00 1.03	Off		7
76.0	22.00	86	-1.1	-7.6	312	-1	54.36 7.02 10.53 12.96	1 0 -1 -1	1.11	1.12	1.01	1.15	-0.15 -0.14 -0.14 -0.15 -0.15 -0.18 -0.20 -0.21 -0.18 -0.18	1.00 1.00 0.99 1.00 1.00 1.00 1.00 1.03 1.01 0.97	Off		7
77.0	22.00	78	-1.1	-7.6	311	0	8.73 4.95	0 1	1.09	1.12	1.01	1.14	-0.20 -0.21 -0.18 -0.18	1.01 1.01 1.00 0.97	Off		7
78.0	22.00 27.00	77 74	-1.1 -1.1	-7.0 -7.5	311 311	0 -1	9.99 10.26 3.96 0.54	2 1 0 1	1.08 1.07	1.12 1.11	1.01 1.01	1.13 1.13	-0.20 -0.22 -0.23 -0.23 -0.21 -0.19 -0.20 -0.20	1.01 1.01 1.01 1.03 1.01 1.00 1.00 1.00	Off		7
79.0	27.00	74	-1.1	-12.1	312	-1	1.71 0.18	0 0	1.07	1.11	1.01	1.13	-0.19 -0.20 -0.20	1.00 1.00 1.00	Off Off		7
80.0	22.00 22.00	68	-1.1 -1.1	-12.6 -12.7	312 312	-1 -1	-0.90 -2.25 -0.27 2.16	-1 0 1 -1	1.07 1.07	1.11 1.11	1.01 1.01	1.13 1.13	-0.18 -0.17 -0.15 -0.14 -0.12 -0.16 -0.19 -0.23	0.99 0.98 1.03 1.03 0.99 1.03 1.01 0.98	Off		7
81.0	27.00	70 66	-1.1	-11.8	312	-1	3.69 3.78	-1 -3	1.07	1.11	1.01	1.13 1.13	-0.16 -0.19 -0.23	1.03 1.01 0.98	Off Off		7
82.0	27.00 27.00	61	-1.1 -1.1	-11.9 -10.4	311 311	-1 -1	3.42 3.06 2.88 6.48	0 -2 -1 2	1.04 1.02	1.09 1.07	1.01	1.11	-0.27 -0.29 -0.26 -0.22 -0.19 -0.16 -0.19 -0.27	1.06 1.00 0.97 1.04 1.00 1.01 1.02 1.01	Off		7
83.0	22.00	62	-1.1	-6.9	311	-1	7.74	-2	1.01	1.05	1.01	1.09	-0.16 -0.19	1.01 1.00	Off		7
84.0	27.00 27.00	57	-1.1 -1.1	-4.5 -3.2	311 311	-1 -1	3.78 3.24 0.36 -0.54	-2 -2 -2 -1	1.01	1.04	1.01	1.09	-0.21 -0.22 -0.23 -0.25 -0.26 -0.27	1.00 0.99 1.00 1.03 1.00 1.02	Off		7
85.0	27.00	54 52	-1.1	-3.9	311	-1	-0.72 -0.45	-1 -2	1.00 1.01	1.03 1.03	1.01 1.01	1.09 1.09	-0.27 -0.27 -0.30 -0.32 -0.33 -0.29 -0.27 -0.27	1.03 1.00 1.02 1.04 1.01 1.00 1.02 0.99	Off Off		7
86.0	27.00 27.00	49	-1.1 -1.1	-4.6 -4.6	311 311	-1 -1	0.18 0.63 1.17 1.17	-5 -6 -6 -6	1.01	1.02	1.01	1.09	-0.27 -0.27 -0.27 -0.27	1.01 1.01 1.00 0.99	Off		7
87.0	27.00	46 44	-1.1	-4.5	311	-1	1.17 1.26	-7 -8 -8	1.01 1.01	1.02 1.02	1.01 1.01	1.07 1.06	-0.27 -0.26 -0.26 -0.25 -0.26 -0.26 -0.26	1.02 1.00 0.98 1.03 1.00 1.01 1.00	Off Off		7
88.0	27.00 27.00	43	-1.1 -1.1	-4.3 -4.3	311 311	-1 -1	1.08 1.08 1.35	-8 -6 -5	1.01	1.02	1.01	1.05	-0.26 -0.26 -0.25 -0.25	1.00 1.01 1.01 1.00	Off		7
89.0	22.00	43 43	-1.1	-3.6	311	-1	1.62 2.07 2.25	-5 -5 -5	1.01 1.00	1.01 1.01	1.01 1.01	1.05 1.04	-0.24 -0.23 -0.23 -0.22 -0.21 -0.21 -0.21	1.00 1.00 1.00 1.02 1.01 1.01 1.00	Off Off		7
90.0	22.00 22.00	43	-1.1 -1.1	-2.8 -2.3	310 310	-1 -1	2.43 2.52	-6 -7	1.00	1.01	1.01	1.04	-0.21 -0.20 -0.18	1.00 1.01 1.00	Off		7
91.0	22.00	43 43	-1.1	-2.0	309	-1	2.70 2.70 2.25	-10 -11 -11	1.01 1.01	1.01 1.01	1.01 1.01	1.04 1.04	-0.18 -0.17 -0.16 -0.16 -0.16 -0.17 -0.17	1.00 1.02 1.01 1.00 1.01 1.01 1.00	Off Off		7
92.0	27.00 27.00	43	-1.1 -1.1	-1.8 -1.7	309 308	-1 -1	1.89 1.80 2.07	-12 -14 -14	1.01	1.01	1.01	1.03	-0.17 -0.17 -0.17 -0.16 -0.14 -0.12 -0.10	1.01 1.01 1.00 1.01 1.01 1.00 1.00	Off		7
93.0	27.00	42 42	-0.7	-1.6	306	-1	2.70 3.60 3.96	-14 -17 -18	1.01 1.01	1.01 1.01	1.01 1.01	1.03 1.03	-0.06 -0.06 -0.06	0.99 0.99 0.99	Off Off		7
94.0	32.00 37.00	42	-1.1 -1.1	-1.3 -1.2	304 302	-1 -1	4.41 4.50 4.50	-19 -20 -19	1.01	1.01	1.01	1.03	-0.05 -0.04 -0.03 -0.02 -0.02 -0.02 -0.02	1.01 1.02 1.00 1.01 1.01 1.01 1.01	Off		7
95.0	37.00	42 42	-1.1	-0.9	302	-1	4.50 4.41 4.41	-23 -27 -28	1.01 1.01	1.01 1.01	1.01 1.01	1.03 1.03	-0.02 -0.02 -0.01 -0.02	1.01 1.01 1.01 1.01	Off Off		7
96.0	32.00 27.00	42	-1.1 -1.1	-0.9 -0.7	297 293	-1 -1	4.50 4.32 4.32	-28 -29 -28	1.01	1.01	1.01	1.03	-0.02 -0.03 -0.04 -0.05 -0.05 -0.04 -0.02	1.01 1.02 1.02 1.00 1.01 1.01 1.01	Off		7
97.0	27.00	42 42	-1.1	-0.7	290	-1	4.32 4.05	-28 -28	1.00 1.01	1.01 1.01	1.01 1.01	1.03 1.03	-0.02 -0.02	1.01 1.01	Off Off		7
98.0	22.00 22.00	42	-1.1 -1.1	-0.6 -0.7	286 283	-1 -1	3.06 2.52 2.07	-27 -27 -26	1.01	1.01	1.01	1.03	-0.01 -0.01 -0.02 -0.02 -0.02 -0.02 -0.02	1.00 1.01 1.01 1.01 1.01 1.01 1.01	Off		7
99.0	22.00	42	-1.1	-0.9	279	-1	1.89	-19	1.01	1.01	1.01	1.03	-0.02 -0.02	1.01 1.01	Off		7

FDL Lapse Time (sec.)	MSL Alt. (FEET)	IAS (KNOTS)	Pitch Angle (degrees)	Elevator Position Right (degrees)	Mag. Heading (degrees)	Roll Angle (degrees)	Rudder Position (upper) (degrees)	Angle of Attack (degrees)	EPR Engine 1 (ratio)	EPR Engine 2 (ratio)	EPR Engine 3 (ratio)	EPR Engine 4 (ratio)	Long. Accel. (g)	Vert. Accel. (g)	VHF	Pitch Trim Stab Pos (degrees)
			42				1.71 1.53	-14 -16	1.01	1.01	1.01	1.03	-0.02 -0.02 -0.02 -0.02 -0.02 -0.02 -0.02	1.01 1.01 1.02 1.02 1.00 1.01 1.02 1.01	Off	7
100.0	22.00 22.00		42 42	-0.7 -0.7	-0.9 275 271	-1 0	1.17 0.90 0.36	-14 -13 -9	1.00	1.01	1.01	1.03	-0.02 -0.02 -0.02 -0.02 -0.02 -0.02 -0.02	1.01 1.01 1.02 1.02 1.00 1.01 1.02 1.01	Off	7
101.0	22.00		42 42	-0.7 -0.7	-0.7 -0.4 267	-1	0.00 -0.90 -1.44	-8 -8 -7	1.00	1.01	1.01	1.03	-0.02 -0.02 -0.02 -0.02 -0.02 -0.02 -0.02	1.01 1.03 1.03 1.01 0.99 1.00 1.00	Off Off	7 7
102.0	22.00 22.00		42 42	-0.7 -0.7	-0.7 264 261	-1 -1	-2.16 -2.52 -2.97	-6 -6 -5	1.01	1.01	1.01	1.03	-0.02 -0.02 -0.02 -0.02 -0.02 -0.02 -0.02	1.01 1.01 1.01 1.01 1.00 1.00 1.01	Off	7
103.0	22.00		42 42	-0.7 -0.7	-0.7 -0.5 258	-1	-2.88 -2.88 -3.06	-5 -5 -5	1.01 1.01	1.01 1.01	1.01 1.01	1.03 1.03	-0.02 -0.02 -0.02 -0.02 -0.02 -0.02 -0.02	1.01 1.01 1.01 1.02 1.00 1.00 0.99	Off Off	7 7
104.0	27.00 27.00		42	-0.7	-0.9 255 252	0	-2.70 -2.43 -1.98	-3 -4 -4	1.01	1.01	1.01	1.03	-0.01 -0.01 -0.01	1.02 1.01 1.01	Off	7
105.0	27.00		42 42	-0.7 -0.7	-0.5 -0.6 250	0 0	-1.71 -1.35 -1.35	-5 -5 -5	1.01 1.01	1.01 1.01	1.01 1.01	1.03 1.03	-0.01 -0.01 -0.01 0.00 0.00 0.00 0.00	1.01 1.01 1.00 1.02 1.01 1.01 1.01	Off Key	7 7
106.0	22.00 27.00		42	-0.7	-0.5 247	0	-1.17 -1.26 -1.26	-5 -5 -5	1.01	1.01	1.01	1.03	0.00 0.01 0.01	1.00 1.01 1.01	Key	7
107.0	27.00		42 42	-0.7 -0.7	-0.5 -0.5 245 242	-1 0	-1.17 -1.17 -0.90	-5 -5 -5	1.00 1.00	1.01 1.01	1.01 1.01	1.03 1.03	0.00 0.00 0.00 0.00 0.01 0.00 0.00	1.02 1.02 1.01 1.01 1.00 1.01 1.01	Off Off	7 7
108.0	27.00		42	-0.7	-0.4 240	0	-0.81 -0.99 -0.99	-5 -5 -4	1.01	1.01	1.01	1.03	0.00 0.00 0.00 0.00 0.00 0.00 0.00	1.01 1.01 1.01 1.02 1.01 1.01 1.01	Off	7
109.0	22.00 22.00		42 50	-0.7 -0.7	-0.4 -0.5 238 236	0 -1	-1.17 -1.17 -1.08	-5 -5 -5	1.00 1.00	1.01 1.01	1.01 1.01	1.03 1.03	0.00 0.00 0.00 0.00 0.00 0.00 0.00	1.01 1.01 1.01 1.02 1.01 1.01 1.01	Off Off	7 7
110.0	22.00		42	-0.7	-0.4 234	-1	-0.63 -0.18 0.09	-5 -5 -5	1.00	1.01	1.01	1.03	0.00 0.00 0.00 0.00 0.00 0.00 0.00	1.02 1.01 1.01 1.02 1.00 1.01 1.01	Off	7
111.0	27.00 27.00		42 42	-0.7 -0.7	-0.6 -0.5 233 231	-1 -1	0.18 0.18 0.09	-4 -3 -3	1.00 1.00	1.01 1.01	1.01 1.01	1.03 1.03	0.00 0.00 0.00 0.00 0.00 0.00 0.00	1.00 1.00 1.01 1.02 1.01 1.01 1.01	Off Off	7 7
112.0	27.00		42	-0.7	-0.5 229	-1	0.00 0.09	-1 -1	1.00	1.01	1.01	1.03	0.00 0.00 0.00 0.00 0.00 0.00 0.00	1.01 1.00 1.01 1.01 1.01 1.01 1.01	Off	7
113.0	27.00 27.00		42 42	-0.7 -0.7	-0.4 -0.4 228 227	-1 -1	0.09 0.00	0 0	1.00 1.01	1.01 1.01	1.01 1.01	1.03 1.03	0.00 0.00 0.00 0.00 0.00 0.00 0.00	1.01 1.01 1.01 1.01 1.01 1.01 1.01	Off Off	7 7
114.0	22.00		52	-0.7	-0.5 226	-1	-0.45 -0.90 -1.08	1 0 0	1.01	1.01	1.01	1.03	0.00 0.00 0.00 0.00 0.01 0.01 0.01	1.01 1.01 1.01 1.01 1.00 1.01 1.01	Off	7
115.0	22.00 22.00		42 42	-0.7 -0.7	-0.4 -0.4 225 225	-1 -1	-1.17 -1.08 -0.81 -0.54	0 1 2 2	1.01 1.01	1.01 1.01	1.01 1.01	1.03 1.03	0.01 0.01 0.01 0.00 0.00 0.00 0.00	1.01 1.01 1.01 1.01 1.00 1.01 1.01	Off Off	7 7
116.0	22.00		42	-0.4	-0.7 224	-1	0.00 0.36	2 2	1.01	1.01	1.01	1.03	0.00 0.00 0.00 0.00 -0.01 0.00 0.00	1.01 1.01 1.01 1.01 1.01 1.01 1.01	Off	7
117.0	22.00		42	-0.7	-0.4 224	0	0.54 0.72	2 2	1.00	1.01	1.01	1.03	0.01 0.01 0.00 0.00 0.00 0.00 0.00	1.01 1.01 1.01 1.01 0.96 0.96 0.96	Off	7
118.0	22.00		83	-0.7	0.0 136	0	0.27 0.27	-81 -81	1.01	1.00	1.01	1.01	0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.96 0.96 0.96 0.96 0.96 0.96 0.96	Off	6
119.0	22.00 22.00		83 80	-0.7 -0.7	0.0 -0.1 136 136	0 0	0.27 0.27	-81 -81	1.01 1.01	1.01 1.01	1.01 1.01	1.01 1.01	0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.96 0.96 0.96 0.96 0.96 0.96 0.96	Off Off	6 6
120.0	22.00		83	-0.7	0.0 136	0	0.27 0.27	-80 -76 -80	1.01	1.00	1.01	1.01	0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.96 0.96 0.96 0.96 0.96 0.96 0.96	Off	6
121.0	22.00 22.00		83 83	-0.7 -0.7	0.0 0.0 136 136	-1 0	0.27 0.27 0.27	-80 -81 -80	1.01 1.01	1.00 1.00	1.01 1.01	1.01 1.01	0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.97 0.96 0.96 0.96 0.96 0.96 0.96	Key	6 6
122.0	22.00		83	-0.7	0.0 136	-1	0.27 0.27	-81 -80	1.01	1.00	1.01	1.01	0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.96 0.97 0.96 0.96 0.96 0.96 0.96	Key Key	6
123.0	22.00 22.00		83	-0.7 -0.7	0.0 0.0 136 136	0 -1	0.27 0.27 0.27 0.27	-81 -80 -81 -81	1.01 1.01	1.00 1.00	1.01 1.01	1.01 1.01	0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.97 0.96 0.97 0.97 0.96 0.96 0.96	Key	6 6
124.0	22.00		83 42	-0.7	0.0 136	0	0.27 0.27	-81 -81	1.01	1.00	1.01	1.01	0.00 0.00 0.00 0.00 0.00 0.00 0.00	0.96 0.96 0.96 0.96 0.96 0.96 0.96	Key Key	6

FDR Lapse Time (Sec.)	HSL Alt. (FEET)	IAS (KNOTS)	Pitch Angle (degrees)	Elevator Position Right (degrees)	Mag. Heading (degrees)	Roll Angle (degrees)	Rudder Position (upper) (degrees)	Angle of Attack (degrees)	EPR Engine 1 (ratio)	EPR Engine 2 (ratio)	EPR Engine 3 (ratio)	EPR Engine 4 (ratio)	Long. Accel (g)	Vert. Accel. (g)	VHF	Pitch Trim Stab Pos (degrees)
125.0	22.00 22.00	83	-0.7 -0.7	0.0 0.0	136 136	0 0	0.27 0.27 0.27 0.27	-76 -81 -81 -80	1.01 1.01 1.01 1.01	1.00 1.00 1.00 1.00	1.01 1.01 1.01 1.01	1.01 1.01 1.01 1.01	0.00 0.00 0.00 0.00 0.00 0.00	0.97 0.97 0.96 0.96 0.97 0.96	Key	6 6
126.0	22.00	42 83	-0.7	0.0	136	0	0.27 0.27	-80 -80	1.01	1.01	1.01 1.01	1.01 1.01	0.00 0.00 0.00 0.00	0.96 0.96 0.96 0.96	Key Off	6
127.0	22.00 22.00	84	-0.7 -0.7	0.0 0.0	136 136	-1 0	0.27 0.27 0.27 0.27	-80 -80 -80 -81	1.01	1.00	1.01	1.01	0.00 0.00 0.00 0.00 0.00 0.00	0.97 0.97 0.96 0.96 0.96 0.96	Off	6 6
128.0	22.00	83 83	-0.7	0.0	136	0	0.18 0.27	-80 -80	1.01 1.01	1.00 1.00	1.01 1.01	1.01 1.01	0.00 0.00 0.00 0.00	0.96 0.97 0.97 0.97	Off Off	6
129.0	22.00 22.00	80	-0.7 -0.7	0.0 0.0	136 136	0 0	0.27 0.27 0.27 0.27	-81 -81 -81 -75	1.01	1.00	1.01	1.01	0.00 0.00 0.00 0.00 0.00 0.00	0.96 0.96 0.96 0.96 0.96 0.96	Off	6 6
130.0	22.00	83 83	-0.7	0.0	136	0	0.27 0.27	-81 -80 -81	1.02 1.01	1.01 1.01	1.01 1.01	1.01 1.01	0.00 0.00 0.00 0.00	0.97 0.97 0.97 0.97	Off Off	6
131.0	22.00 22.00	83	-0.7 -0.7	0.0 0.0	136 136	0 0	0.27 0.27 0.27	-81 -81 -80	1.01	1.01	1.01	1.01	0.00 0.00 0.00 0.00	0.97 0.97 0.97 0.96	Off	6 6
132.0	22.00	83 83	-0.7	0.0	136	-1	0.27 0.27 0.27	-80 -81 -80	1.01 1.01 1.01	1.01 1.01 1.01	1.01 1.01 1.01	1.01 1.01 1.01	0.00 0.00 0.00 0.00 0.00 0.00	0.97 0.96 0.96 0.96 0.96 0.96	Off Off	6
133.0	22.00 22.00	83	-0.7 -0.7	0.0 0.0	136 136	0 0	0.27 0.27 0.27	-81 -80 -81	1.02	1.01	1.01	1.01	0.00 0.00 0.00 0.00	0.97 0.96 0.96 0.96	Off	6 6
134.0	22.00	42 83	-0.7	0.0	136	-1	0.27 0.27 0.27	-81 -75 -80	1.01 1.01 1.01	1.00 1.01 1.01	1.01 1.01 1.01	1.01 1.01 1.01	0.00 0.00 0.00 0.00 0.00 0.00	0.96 0.96 0.96 0.96 0.97 0.97	Off Off	6
135.0	22.00 22.00	83	-0.7 -0.7	0.0 0.0	136 136	0 0	0.27 0.27 0.27	-81 -81 -80	1.01	1.00	1.01	1.01	0.00 0.00 0.00 0.00	0.96 0.97 0.96 0.96	Off	6 6
136.0	22.00	83 83	-0.7	0.0	136	0	0.27 0.27 0.27	-80 -81 -81	1.01 1.02 1.00	1.01 1.00 1.00	1.01 1.01 1.01	1.01 1.01 1.01	0.00 0.00 0.00 0.00 0.00 0.00	0.96 0.97 0.96 0.97 0.96 0.96	Off Off	6
137.0	22.00 22.00	83	-0.7 -0.7	0.0 0.0	136 136	0 0	0.27 0.27 0.27	-80 -81 -80	1.02	1.00	1.01	1.01	0.00 0.00 0.00 0.00	0.96 0.96 0.97 0.96	Off	6
138.0	22.00	83 83	-0.7	0.0	136	0	0.27 0.27 0.27	-80 -80 -77	1.02 1.02 1.01	1.00 1.01 1.01	1.01 1.01 1.01	1.01 1.01 1.01	0.00 0.00 0.00 0.00	0.96 0.96 0.96 0.96	Off Off	6 6
139.0	22.00 22.00	84	-0.7 -0.7	0.0 0.0	136 136	0 0	0.18 0.18 0.27	-80 -76 -81	1.01	1.00	1.01	1.01	0.00 0.00 0.00 0.00	0.96 0.97 0.97 0.96	Off	6
140.0	22.00	83 83	-0.7	0.0	136	0	0.27 0.27	-80 -80	1.02 1.02	1.01 1.00	1.01 1.01	1.01 1.01	0.00 0.00 0.00 0.00	0.96 0.97 0.97 0.97	Off Off	6 6
141.0	22.00 22.00	83	-0.7 -0.7	0.0 0.0	136 136	0 0	0.27 0.27 0.18	-80 -81 -80	1.01	1.01	1.01	1.01	0.00 0.00 0.00 0.00	0.96 0.97 0.97 0.96	Off	6
142.0	22.00	83 83	-0.7	0.0	136	0	0.09 0.09 0.18	-80 -80 -81	1.01 1.01	1.00 1.00	1.01 1.01	1.01 1.01	0.00 0.00 0.00 0.00	0.97 0.97 0.96 0.96	Off Off	6 6
143.0	22.00 22.00	83	-0.7 -0.7	0.0	136 136	0 0	0.18 0.18 0.18	-81 -81 -81	1.01	1.01	1.01	1.01	0.00 0.00 0.00 0.00	0.96 0.96 0.96 0.97	Off	6
144.0	22.00	82 83	-0.7	0.0	136	0	0.18 0.18 0.18	-76 -80 -81	1.02 1.02	1.00 1.01	1.01 1.01	1.01 1.01	0.00 0.00 0.00 0.00	0.96 0.97 0.97 0.96	Off	6 6
145.0	22.00 22.00	83	-0.7 -0.7	0.0	136 136	0 -1	0.18 0.18 0.18	-81 -81 -80	1.02	1.01	1.01	1.01	0.00 0.00 0.00 0.00 0.00 0.00	0.96 0.96 0.96 0.96 0.96 0.96	Off	6
146.0	22.00	83 83	-0.7	0.0 0.0	136	0	0.18 0.18 0.18	-80 -81 -81	1.02 1.03	1.00 1.00	1.01 1.01	1.01 1.01	0.00 0.00 0.00 0.00	0.96 0.96 0.97 0.96	Off Off	6 6
147.0	22.00 22.00	83	-0.7	0.0	136 136	0	45.36 0.18 0.18	-81 -81 -81	1.03	1.00	1.01	1.01	0.00 0.00 0.00 0.00	0.96 0.96 0.96 0.96	Off	6
148.0	22.00	82 83	-0.7 -0.7	0.0 0.0	136	0 0	0.18 0.18 0.18	-78 -81 -76	1.03 1.03	1.01 1.01	1.01 1.01	1.01 1.02	0.00 0.00 0.00 0.00 0.00 0.00	0.96 0.96 0.97 0.96 0.96 0.96	Off Off	6 6
149.0	22.00 22.00	83	-0.7	0.0	136	-1	0.18 0.18	-81 -81	1.04	1.01	1.01	1.02	0.00 0.00 0.00 0.00	0.96 0.96 0.97 0.97	Off	6

FOR Lapse Time (sec.)	HSL Alt. (FEET)	IAS (KNOTS)	Pitch Angle (degrees)	Elevator Position Right (degrees)	Mag. Heading (degrees)	Roll Angle (degrees)	Rudder Position (upper) (degrees)	Angle of Attack (degrees)	EPR Engine 1 (ratio)	EPR Engine 2 (ratio)	EPR Engine 3 (ratio)	EPR Engine 4 (ratio)	Long. Accel (g)	Vert. Accel. (g)	VHF	Pitch Trim Stab Pos (degrees)
150.0	22.00	83	-0.7	0.0	136	0	0.18	-81	1.05	1.02	1.01	1.03	0.00	0.97	Off	6
		83	-0.7	-0.2	136	-1	0.18	-81	1.05	1.02	1.01	1.03	0.00	0.96	Off	6
							0.18	-80					0.00	0.96		
151.0	22.00	83	-0.7	0.0	136	0	0.18	-81	1.05	1.02	1.01	1.03	0.00	0.96	Off	6
							0.18	-80					0.00	0.96		
							0.18	-81					0.00	0.97		
152.0	22.00	83	-0.7	0.0	136	0	0.18	-81	1.05	1.03	1.01	1.03	0.00	0.97	Off	6
	22.00	83	-0.7	0.0	136	0	0.18	-81	1.05	1.03	1.01	1.03	0.00	0.96	Off	6
							0.27	-75					0.00	0.96		
							0.18	-81					0.01	0.96		
153.0	22.00	84	-0.7	0.0	136	0	0.18	-81	1.05	1.03	1.01	1.04	0.01	0.96	Off	6
							0.18	-76					0.01	0.96		
							0.18	-81					0.01	0.96		
154.0	22.00	83	-0.7	0.0	136	0	0.18	-80	1.05	1.03	1.01	1.04	0.01	0.96	Off	6
	22.00	83	-0.7	0.0	136	0	0.18	-80	1.05	1.03	1.01	1.04	0.01	0.96	Off	6
							0.18	-81					0.01	0.97		
							0.18	-81					0.02	0.96		
155.0	22.00	83	-0.7	0.0	136	0	0.18	-80	1.05	1.03	1.01	1.04	0.02	0.96	Off	6
							0.18	-81					0.02	0.97		
							0.18	-81					0.02	0.96		
156.0	22.00	83	-0.7	0.0	136	0	0.18	-81	1.04	1.03	1.01	1.04	0.02	0.97	Off	6
	22.00	83	-0.7	0.0	136	0	0.18	-81	1.04	1.03	1.01	1.04	0.02	0.96	Off	6
							0.18	-81					0.03	0.96		
157.0	22.00	83	-0.7	0.0	136	-1	0.18	-81	1.04	1.03	1.01	1.04	0.02	0.97	Off	6
							0.18	-81					0.02	0.96		
							0.18	-81					0.02	0.97		
158.0	22.00	83	-0.7	0.0	136	0	0.18	-81	1.04	1.03	1.01	1.04	0.02	0.96	Off	6
	22.00	83	-0.7	0.0	136	0	0.18	-81	1.04	1.03	1.01	1.04	0.02	0.97	Off	6
							0.18	-81					0.02	0.96		
							0.18	-80					0.02	0.96		
159.0	22.00	83	-0.7	0.0	136	-1	0.18	-81	1.04	1.03	1.01	1.05	0.02	0.96	Off	6
							0.18	-81					0.02	0.96		
							0.18	-81					0.03	0.97		
160.0	22.00	83	-0.7	0.0	136	-1	0.18	-81	1.04	1.03	1.01	1.05	0.02	0.96	Off	6
	22.00	83	-0.7	0.0	136	-1	0.18	-81	1.04	1.03	1.01	1.05	0.02	0.96	Off	6
							0.18	-81					0.02	0.96		
							0.27	-81					0.02	0.96		
161.0	22.00	83	-0.7	0.0	136	-1	0.18	-80	1.04	1.03	1.01	1.05	0.02	0.97	Off	6
							0.18	-81					0.02	0.96		
							0.18	-81					0.02	0.96		
162.0	22.00	83	-0.7	0.0	136	-1	0.27	-80	1.04	1.03	1.01	1.05	0.02	0.96	Off	6
	22.00	83	-0.7	0.0	136	-1	0.18	-81	1.04	1.03	1.01	1.05	0.02	0.97	Off	6
							0.18	-78					0.02	0.96		
							0.18	-81					0.02	0.96		
163.0	22.00	83	-0.7	0.0	136	-1	0.18	-81	1.04	1.03	1.01	1.05	0.02	0.97	Off	6
							0.18	-81					0.02	0.96		
							0.18	-81					0.02	0.97		
164.0	22.00	83	-0.7	0.0	136	-1	0.18	-80	1.04	1.03	1.01	1.05	0.02	0.96	Off	6
	22.00	83	-0.7	0.0	137	0	0.18	-81	1.04	1.03	1.01	1.05	0.02	0.97		
							0.18	-80					0.02	0.96		
							0.18	-80					0.02	0.97		
165.0	22.00	83	-0.7	0.0	137	-1	0.27	-80	1.04	1.03	1.01	1.04	0.02	0.97	Off	6
							0.27	-80					0.02	0.96	Off	
							0.27	-80					0.02	0.96		
166.0	22.00	83	-0.7	0.0	137	0	0.27	-80	1.04	1.03	1.01	1.04	0.02	0.97	Off	6
	22.00		-0.7	0.0	137	0	0.36	-81	1.04	1.03	1.01		0.02	0.96		
							0.36	-81					0.02	0.96		
							0.36	-81					0.02	0.97		
167.0	22.00	83	-0.7	0.0	137	0	0.36	-79	1.04	1.03	1.01	1.04	0.02	0.97	Off	6
							0.36	-81				1.04	0.02	0.96	Off	
													0.02	0.96		
168.0	22.00	83	-0.7	0.0	137	0	0.36	-76	1.04	1.03	1.01	1.04	0.02	0.96	Off	6
	22.00		-0.7	0.0	137	0	0.27	-81	1.04	1.02			0.02	0.97		
							0.27	-81					0.02	0.97		
							0.18	-80					0.02	0.97		
169.0	22.00	83	-0.7	0.0	137	-1	0.18	-80	1.04	1.02	1.01	1.07	0.02	0.97	Off	6
		83					0.36	-81			1.01	1.03	0.01	0.97	Off	
													0.01	0.97		
170.0	22.00	83	-0.7	0.0	137	0	0.72	-80	1.04	1.02	1.01	1.03	0.01	0.96	Off	6
	22.00		-0.7	0.0	136	0	0.81	-81					0.02	0.96		6
							0.81	-81					0.01	0.97		
							0.72	-81					0.01	0.96		
171.0	22.00	83	-0.7	0.0	136	0	0.54	-81	1.04	1.02	1.01	1.03	0.01	0.97	Off	6
		83					0.36	-81	1.03	1.02	1.01	1.03	0.02	0.96	Off	
													0.01	0.95		
													0.01	0.96		
172.0	17.00	74	-0.7	0.0	136	0	0.27	-78	1.03	1.02	1.01	1.03	0.01	0.97	Off	6
	22.00		-0.7	0.0	136	0	0.18	-81					0.01	0.96		6
							0.09	-76					0.01	0.97		
							0.09						0.01	0.97		
173.0	22.00	83	-0.7	0.0	136	0	0.09	-81	1.03	1.02	1.01	1.03	0.01	0.97	Off	6
		80					0.18	-80	1.03	1.02	1.01	1.03	0.00	0.96	Off	
													-0.02	0.96		
174.0	22.00	83	-0.7	0.0	136	0	0.54	-80	1.03	1.01	1.01	1.02	-0.03	0.97	Off	6
	22.00		-0.7	0.0	136	0	0.72	-81					-0.05	0.96	Off	6
													-0.04	0.97		6

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FDR Lapse Time (sec.)	MSL Alt. (FEET)	IAS (KNOTS)	Pitch Angle (degrees)	Elevator Position Right (degrees)	Mag. Heading (degrees)	Roll Angle (degrees)	Rudder Position (upper) (degrees)	Angle of Attack (degrees)	EPR Engine 1 (ratio)	EPR Engine 2 (ratio)	EPR Engine 3 (ratio)	EPR Engine 4 (ratio)	Long. Accel (g)	Vert. Accel. (g)	VHF	Pitch Trim Stab Pos (degrees)
							0.81	-80					-0.02	0.97		
													-0.01	0.97		
175.0	22.00	83	-0.7	0.0	136	0	0.72	-81	1.03	1.01	1.01	1.02	0.00	0.96		
		83					0.81	-80	1.03	1.01	1.01	1.02	0.00	0.97	Off	6
							1.08	-81					0.00	0.96	Off	
176.0	22.00	83	-0.7	0.0	135	0	1.89	-81	1.03	1.01	1.01	1.02	0.00	0.97		
	22.00		-0.7	0.0	134	0	2.70	-81					0.00	0.96	Off	6
							3.78	-81					-0.01	0.97		
													-0.01	0.97		
177.0													-0.01	0.96		

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FDR Tapse Time (seconds)	ALTC (FEET)	Elevator Position Left (degrees)	Rudder Position (lower) (degrees)	Aileron Position R inbd (degrees)	Flap pos Trailing inbd (degrees)	Flap pos Trailing OUTBD (degrees)	Leading Edge Lt. Set 1 (discrete)	Leading Edge Lt. Set 2 (discrete)	Leading Edge Lt. Set 3 (discrete)	Leading Edge Lt. Set 4 (discrete)	Leading Edge Rt. Set 1 (discrete)	Leading Edge Rt. Set 2 (discrete)	Leading Edge Rt. Set 3 (discrete)	Leading Edge Rt. Set 4 (discrete)	Reverser Eng 1 (1-T/R)	Reverser Eng 2 (1-T/R)	Reverser Eng 3 (1-T/R)	Reverser Eng 4 (1-T/R)
0.0	540.0	1.6	-0.4	0.6	25.4	24.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
0.7	540.0	1.2	-0.2	0.0	25.5	24.0	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
1.3	540.0	0.8	-0.2	1.0	25.5	24.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
2.0	540.0	0.8	-0.2	0.6	25.4	24.2	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
2.7	540.0	0.9	0.0	3.9	25.4	24.0	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
3.4	540.0	1.1	-0.1	-2.0	25.5	24.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
4.0	540.0	3.2	0.0	0.0	25.5	24.0	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
4.7	540.0	3.1	0.2	1.0	25.4	24.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
5.4	540.0	3.2	0.0	-3.0	25.5	24.0	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
6.0	540.0	1.9	0.1	-2.6	25.4	24.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
6.7	540.0	1.4	0.4	-2.0	25.5	24.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
7.4	540.0	2.0	0.4	1.6	25.4	24.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
8.1	540.0	3.1	0.0	-2.0	25.5	24.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
8.7	540.0	3.5	0.0	-2.4	25.5	24.2	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
9.4	405.0	3.6	0.1	-3.0	25.5	24.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
10.1	405.0	3.4	0.2	-2.4	25.5	24.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
10.8	405.0	3.1	0.2	-2.0	25.5	24.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
11.4	405.0	2.8	0.3	3.2	25.5	24.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
12.1	405.0	2.7	0.1	1.2	25.5	24.2	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
12.8	405.0	2.3	0.1	-2.0	25.5	24.0	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
13.4	405.0	1.5	0.1	-2.0	25.4	24.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
14.1	405.0	1.7	0.4	-2.0	25.3	24.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
14.8	405.0	2.1	0.2	-2.0	25.3	24.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
15.5	405.0	1.8	0.2	-1.6	25.4	24.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
16.1	405.0	1.7	0.0	-1.0	25.5	24.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
16.8	405.0	2.5	0.0	0.0	25.5	24.0	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
17.5	270.0	3.0	-0.2	-2.6	25.3	24.0	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
18.1	270.0	2.5	-0.1	-3.0	25.5	24.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
18.8	270.0	3.2	0.0	-4.1	25.4	24.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
19.5	270.0	3.4	0.0	-2.4	25.4	24.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20.2	270.0	3.4	0.0	4.9	25.4	24.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
20.8	270.0	2.7	0.0	4.3	25.4	24.0	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
21.5	270.0	1.5	0.0	4.9	25.5	24.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
22.2	270.0	1.2	0.0	3.2	25.5	24.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
22.8	270.0	1.2	0.0	-1.4	25.3	24.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
23.5	270.0	2.8	0.0	4.9	25.4	24.0	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
24.2	270.0	2.4	0.0	-2.4	25.4	24.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
24.9	270.0	2.7	0.1	-2.0	25.5	24.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
25.5	270.0	3.1	0.5	-0.4	25.3	24.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
26.2	270.0	3.2	0.5	5.9	25.4	24.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW

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FOR Time (seconds)	ALTC (FEET)	Elevator Position Left (degrees)	Rudder Position (lower) (degrees)	Aileron Position R Inbd (degrees)	Flap pos Trailing Inbd (degrees)	Flap pos Trailing OUTBD (degrees)	Leading Edge Lt. Set 1 (discrete)	Leading Edge Lt. Set 2 (discrete)	Leading Edge Lt. Set 3 (discrete)	Leading Edge Lt. Set 4 (discrete)	Leading Edge Rt. Set 1 (discrete)	Leading Edge Rt. Set 2 (discrete)	Leading Edge Rt. Set 3 (discrete)	Leading Edge Rt. Set 4 (discrete)	Reverser Eng 1 (1-T/R)	Reverser Eng 2 (1-T/R)	Reverser Eng 3 (1-T/R)	Reverser Eng 4 (1-T/R)
26.9	270.0	3.1	0.5	0.0	25.4	24.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
27.5	270.0	1.7	0.2	7.5	25.5	24.2	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
28.2	270.0	0.7	0.0	4.5	25.5	24.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
28.9	270.0	0.9	-0.4	86.0	25.4	24.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
29.6	270.0	1.2	-0.5	-2.6	25.5	24.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
30.2	135.0	2.7	-0.2	-10.1	25.5	24.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
30.9	135.0	3.3	-0.3	-2.6	25.4	24.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
31.6	135.0	4.5	0.0	-5.3	25.4	24.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
32.2	135.0	4.7	0.4	1.6	25.5	24.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
32.9	135.0	1.5	1.3	2.6	25.5	24.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
33.6	135.0	1.8	1.4	9.9	25.4	24.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
34.3	135.0	1.4	0.8	2.6	25.4	24.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
34.9	135.0	1.4	0.0	-3.0	25.5	24.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
35.6	135.0	3.6	0.0	-3.0	25.4	24.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
36.3	135.0	3.7	0.0	-5.7	25.5	24.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
37.0	135.0	2.7	0.2	4.9	25.4	24.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
37.6	135.0	2.0	0.4	16.0	25.4	24.0	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
38.3	135.0	2.7	0.3	-3.0	25.5	24.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
39.0	0.0	1.6	0.0	-7.3	25.5	24.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
39.6	0.0	1.2	0.0	-4.3	25.4	24.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
40.3	0.0	2.6	0.2	-4.3	25.4	24.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
41.0	0.0	3.1	0.6	-2.0	25.5	24.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
41.7	0.0	1.1	1.1	9.9	25.4	24.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
42.3	0.0	1.5	0.5	-1.6	25.5	24.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
43.0	0.0	1.2	0.3	-2.4	25.4	24.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
43.7	0.0	1.9	0.1	-3.0	25.5	24.2	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
44.3	0.0	1.1	-0.2	8.7	25.5	24.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
45.0	0.0	0.3	0.0	-2.0	25.5	24.0	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
45.7	0.0	0.3	0.0	-3.0	25.5	24.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
46.4	0.0	0.9	0.2	1.2	25.4	24.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
47.0	0.0	0.9	0.5	-1.6	25.5	24.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
47.7	0.0	0.1	0.0	-13.0	25.4	24.0	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
48.4	0.0	-1.7	0.5	-8.3	25.5	24.0	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
49.0	0.0	-2.1	0.9	-3.7	25.5	24.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
49.7	0.0	-3.1	1.9	-2.4	25.4	24.0	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
50.4	0.0	-1.3	3.7	16.2	25.4	24.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
51.1	0.0	-5.6	9.4	24.3	25.5	24.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
51.7	0.0	-2.2	-1.4	12.0	25.5	24.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
52.4	0.0	-4.0	-0.5	21.7	25.5	24.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
53.1	0.0	-6.5	0.0	6.9	25.5	24.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW

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FDR Tapse Time (seconds)	ALTC (FEET)	Elevator Position Left (degrees)	Rudder Position (Lower) (degrees)	Aileron Position R inbd (degrees)	Flap pos Trailing Inbd (degrees)	Flap pos Trailing OUTBD (degrees)	Leading Edge Lt. Set 1 (discrete)	Leading Edge Lt. Set 2 (discrete)	Leading Edge Lt. Set 3 (discrete)	Leading Edge Lt. Set 4 (discrete)	Leading Edge Rt. Set 1 (discrete)	Leading Edge Rt. Set 2 (discrete)	Leading Edge Rt. Set 3 (discrete)	Leading Edge Rt. Set 4 (discrete)	Reverser Eng 1 (1-T/R)	Reverser Eng 2 (1-T/R)	Reverser Eng 3 (1-T/R)	Reverser Eng 4 (1-T/R)
53.8	0.0	-5.7	-0.1	17.6	25.5	24.0	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
54.4	0.0	-3.1	0.4	19.1	25.4	24.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
55.1	0.0	-6.9	0.4	16.2	25.5	24.0	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
55.8	0.0	-4.1	0.4	7.5	25.5	24.0	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
56.4	0.0	-4.0	0.2	0.0	25.5	24.2	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
57.1	0.0	-4.6	4.0	-2.0	25.4	24.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
57.8	0.0	-4.5	5.1	-2.0	25.4	24.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
58.5	0.0	-4.6	7.9	-4.7	25.5	24.2	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	TRANS	TRANS
59.1	0.0	0.3	8.1	-2.0	25.4	24.0	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	TRANS	TRANS	TRANS	TRANS
59.8	0.0	2.1	2.4	18.7	25.5	24.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	TRANS	TRANS	TRANS	TRANS
60.5	0.0	-2.4	3.1	12.0	25.4	24.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	TRANS	TRANS	TRANS	TRANS
61.1	0.0	-4.0	6.8	-3.0	25.5	24.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	DEP	DEP	TRANS	DEP.
61.8	0.0	-1.2	12.0	-1.0	25.5	24.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	DEP	DEP	TRANS	DEP.
62.5	0.0	-4.0	4.0	17.6	25.4	24.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	DEP	DEP	TRANS	DEP.
63.2	0.0	-6.3	12.5	24.3	25.4	24.2	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	DEP	DEP	TRANS	DEP.
63.8	0.0	-6.6	12.5	20.1	25.5	24.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	DEP	DEP	TRANS	DEP.
64.5	0.0	-2.4	7.0	5.9	25.5	24.3	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	DEP	DEP	TRANS	DEP.
65.2	0.0	-9.2	1.7	-3.0	25.5	24.2	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	DEP	DEP	TRANS	DEP.
65.8	0.0	-10.7	5.8	-3.0	25.5	24.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	DEP	DEP	TRANS	DEP.
66.5	0.0	-11.2	13.0	-2.0	25.6	24.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	DEP	DEP	TRANS	DEP.
67.2	0.0	-9.7	14.9	-2.0	25.5	24.2	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	DEP	DEP	TRANS	DEP.
67.9	0.0	-8.2	17.4	-16.0	25.5	24.2	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	DEP	DEP	TRANS	DEP.
68.5	0.0	-7.1	14.9	-14.0	25.6	24.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	DEP	DEP	TRANS	DEP.
69.2	0.0	-10.7	17.4	-9.3	25.5	24.2	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	DEP	DEP	TRANS	DEP.
69.9	0.0	-11.3	16.4	-9.3	25.5	24.3	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	DEP	DEP	TRANS	DEP.
70.5	0.0	-11.2	17.0	-31.0	25.5	24.3	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	DEP	DEP	TRANS	DEP.
71.2	0.0	-11.9	26.0	-31.8	25.6	24.4	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	DEP	DEP	TRANS	DEP.
71.9	0.0	-7.8	26.0	-39.1	25.5	24.2	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	DEP	DEP	TRANS	DEP.
72.6	0.0	-6.7	25.5	-52.5	25.6	24.3	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	DEP	DEP	TRANS	DEP.
73.2	0.0	-7.8	26.2	-55.0	25.6	24.2	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	DEP	DEP	TRANS	DEP.
73.9	0.0	-4.6	20.4	-55.4	25.5	24.3	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	DEP	DEP	TRANS	DEP.
74.6	0.0	1.4	19.4	-49.7	25.6	24.3	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	DEP	DEP	TRANS	DEP.
75.2	0.0	5.8	0.2	-25.6	25.5	24.3	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	DEP	DEP	TRANS	DEP.
75.9	0.0	8.6	4.2	-44.6	25.5	24.4	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	DEP	DEP	TRANS	DEP.
76.6	0.0	8.3	10.8	-51.3	25.6	24.3	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	DEP	DEP	TRANS	DEP.
77.3	0.0	8.3	8.0	-46.0	25.5	24.4	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	DEP	DEP	TRANS	DEP.
77.9	0.0	8.3	10.2	-51.7	25.5	24.4	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	DEP	DEP	TRANS	DEP.
78.6	0.0	9.1	3.4	-27.6	25.6	24.4	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	DEP	DEP	TRANS	DEP.
79.3	0.0	13.1	1.2	-3.4	25.5	24.4	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	DEP	DEP	TRANS	DEP.
80.0	0.0	14.9	-2.1	-2.2	25.6	24.4	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	DEP	DEP	TRANS	DEP.

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FDR Time (seconds)	ALTC (FEET)	Elevator Position Left (degrees)	Rudder Position (lower) (degrees)	Aileron Position R Inbd (degrees)	Flap pos Trailing Inbd (degrees)	Flap pos Trailing OUTBD (degrees)	Leading Edge Lt. Set 1 (discrete)	Leading Edge Lt. Set 2 (discrete)	Leading Edge Lt. Set 3 (discrete)	Leading Edge Lt. Set 4 (discrete)	Leading Edge Rt. Set 1 (discrete)	Leading Edge Rt. Set 2 (discrete)	Leading Edge Rt. Set 3 (discrete)	Leading Edge Rt. Set 4 (discrete)	Reverser Eng 1 (1-T/R)	Reverser Eng 2 (1-T/R)	Reverser Eng 3 (1-T/R)	Reverser Eng 4 (1-T/R)
80.6	0.0	14.6	-0.3	-3.0	25.5	24.6	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	DEP	DEP	TRANS	DEP.
81.3	0.0	13.1	3.2	-10.3	25.5	24.5	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	DEP	DEP	TRANS	DEP.
82.0	0.0	12.7	2.7	-10.1	25.6	24.5	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	DEP	DEP	TRANS	DEP.
82.6	0.0	11.1	2.4	-20.5	25.6	24.7	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	DEP	DEP	TRANS	DEP.
83.3	0.0	7.6	7.5	-17.8	25.5	24.5	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	DEP	DEP	TRANS	DEP.
84.0	0.0	4.6	3.4	-5.1	25.6	24.6	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	DEP	DEP	TRANS	DEP.
84.7	0.0	4.4	0.0	-2.6	25.6	24.6	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	DEP	DEP	TRANS	DEP.
85.3	0.0	5.0	-1.3	-2.6	25.6	24.7	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	DEP	DEP	TRANS	DEP.
86.0	0.0	5.5	-0.1	-3.0	25.6	24.7	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	DEP	DEP	TRANS	DEP.
86.7	0.0	5.6	0.5	-3.0	25.6	24.7	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	DEP	DEP	TRANS	DEP.
87.3	0.0	5.8	0.7	-3.0	25.7	24.7	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	DEP	DEP	TRANS	DEP.
88.0	0.0	5.7	0.5	-3.0	25.6	24.6	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	DEP	DEP	TRANS	DEP.
88.7	0.0	5.4	0.7	-3.0	25.6	24.6	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	DEP	DEP	TRANS	DEP.
89.4	0.0	4.1	1.4	-2.6	25.7	24.7	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	DEP	DEP	TRANS	DEP.
90.0	0.0	3.6	1.7	-3.0	25.7	24.5	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	TRANS	DEP	TRANS	DEP.
90.7	0.0	3.2	2.0	-3.0	25.7	24.6	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	TRANS	DEP	TRANS	DEP.
91.4	0.0	2.9	1.9	-2.6	25.7	24.6	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	TRANS	TRANS	STOW	TRANS
92.0	0.0	2.8	1.5	-2.6	25.7	24.6	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	TRANS	TRANS	STOW	TRANS
92.7	0.0	2.8	1.6	-3.0	25.6	24.5	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	TRANS	TRANS	STOW	TRANS
93.4	0.0	2.6	3.1	-2.6	25.7	24.6	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	TRANS	STOW	TRANS
94.1	0.0	2.4	3.8	-3.0	25.7	24.6	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	TRANS	STOW	TRANS
94.7	0.0	2.1	4.0	-2.6	25.7	24.6	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	TRANS	STOW	TRANS
95.4	0.0	1.8	4.1	-2.6	25.7	24.6	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
96.1	0.0	1.8	4.1	-3.0	25.7	24.6	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
96.8	0.0	1.7	4.0	-2.6	25.7	24.6	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
97.4	0.0	1.8	4.1	-2.6	25.7	24.6	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
98.1	0.0	1.8	3.6	-2.6	25.7	24.6	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
98.8	0.0	1.5	3.0	-2.6	25.7	24.7	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
99.4	0.0	1.7	2.5	-2.6	25.8	24.7	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
100.1	0.0	1.8	1.9	-3.0	25.6	24.6	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
100.8	0.0	1.7	1.2	-2.6	25.8	24.6	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
101.5	0.0	1.6	-0.4	-2.6	25.8	24.7	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
102.1	0.0	1.5	-1.6	-2.6	25.8	24.7	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
102.8	0.0	1.7	-2.5	-2.6	25.8	24.6	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
103.5	0.0	1.7	-3.1	-2.6	25.8	24.7	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
104.1	0.0	1.7	-3.1	-2.6	25.8	24.7	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
104.8	0.0	1.5	-2.5	-2.6	25.8	24.7	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
105.5	0.0	1.4	-2.2	-2.6	25.8	24.7	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
106.2	0.0	1.7	-2.2	-3.0	25.8	24.7	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
106.8	0.0	1.5	-2.2	-2.6	25.8	24.7	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW

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FDR Tapse Time (seconds)	ALTC (FEET)	Elevator Position Left (degrees)	Rudder Position (lower) (degrees)	Aileron Position R inbd (degrees)	Flap pos Trailing Inbd (degrees)	Flap pos Trailing OUTBD (degrees)	Leading Edge Lt. Set 1 (discrete)	Leading Edge Lt. Set 2 (discrete)	Leading Edge Lt. Set 3 (discrete)	Leading Edge Lt. Set 4 (discrete)	Leading Edge Rt. Set 1 (discrete)	Leading Edge Rt. Set 2 (discrete)	Leading Edge Rt. Set 3 (discrete)	Leading Edge Rt. Set 4 (discrete)	Reverser Eng 1 (1-T/R)	Reverser Eng 2 (1-T/R)	Reverser Eng 3 (1-T/R)	Reverser Eng 4 (1-T/R)
107.5	0.0	1.4	-2.1	-2.6	25.8	24.7	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
108.2	0.0	1.4	-2.1	-2.6	25.9	24.6	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
108.8	0.0	1.5	-2.2	-3.0	25.2	23.7	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
109.5	0.0	1.3	-2.4	-2.6	25.3	24.0	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
					24.3	22.4	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
					24.5	22.6	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
					22.9	21.3	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
					23.3	21.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
110.2	0.0	1.5	-1.9	-2.6	21.6	19.7	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
110.9	0.0	1.4	-1.3	-3.0	22.0	19.2	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
111.5	0.0	1.4	-1.3	-2.6	20.2	18.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
112.2	0.0	1.4	-1.3	-2.6	20.6	17.7	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
					18.6	16.5	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
					18.8	16.2	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
					17.2	15.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
					17.5	14.7	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
112.9	0.0	1.5	-1.3	-2.6	15.8	13.7	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
113.5	0.0	1.4	-1.5	-2.6	16.2	13.6	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
114.2	0.0	1.4	-2.2	-2.6	14.5	12.5	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
114.9	0.0	1.4	-2.4	-3.0	14.9	12.4	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
					13.2	11.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
					13.7	10.1	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
					12.1	10.2	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
					12.4	9.2	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
115.6	0.0	1.4	-2.2	-2.6	11.0	9.3	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
116.2	0.0	1.4	-1.5	-2.6	11.2	8.3	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
116.9					10.2	8.3	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW
117.6					10.3	8.3	Ext	Ext	Ext	Ext	Ext	Ext	Ext	Ext	STOW	STOW	STOW	STOW